

# MSX1 Antibody

Catalog No: #48482

Package Size: #48482-1 50ul #48482-2 100ul

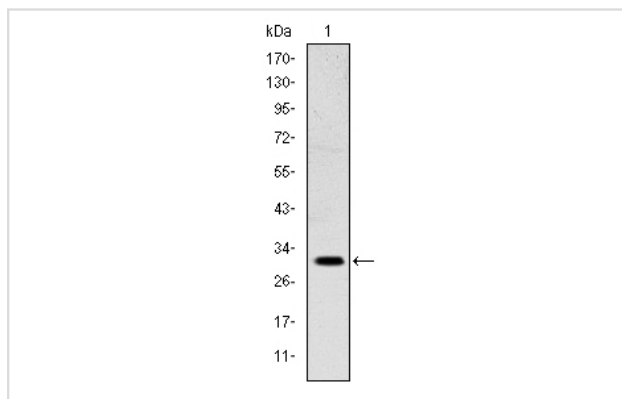
## Description

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name          | MSX1 Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Host Species          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Clonality             | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Clone No.             | D11-A8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Purification          | ProA affinity purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Applications          | WB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Species Reactivity    | Hu                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Immunogen Description | Recombinant protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Conjugates            | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Other Names           | AA675338 antibody AI324650 antibody Homeobox 7 antibody Homeobox protein Hox-7 antibody Homeobox protein MSX 1 antibody Homeobox protein MSX-1 antibody Homeobox protein MSX1 antibody Homeobox, msh like 1 antibody Homeobox, msh-like 1 antibody HOX 7 antibody Hox 7.1 antibody Hox-7 antibody HOX7 antibody Hox7.1 antibody HYD 1 antibody HYD1 antibody msh (Drosophila) homeo box homolog 1 (formerly homeo box 7) antibody Msh antibody msh homeo box 1 antibody msh homeo box homolog 1 antibody Msh homeobox 1 antibody Msh homeobox 1 like protein antibody Msh homeobox 1-like protein antibody msh homeobox homolog 1 (Drosophila) antibody msh homeobox homolog 1 antibody MSH, Drosophila, Homolog of, 1 antibody MSX 1 antibody MSX1 antibody MSX1_HUMAN antibody Muscle segment homeobox antibody Muscle segment homeobox, Drosophila, Homolog of, 1 antibody OFC5 antibody OTTHUMP00000115387 antibody STHAG1 antibody |
| Accession No.         | Swiss-Prot#:P28360                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Calculated MW         | 31 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Formulation           | 1*TBS (pH7.4), 1%BSA, Preservative: 0.05% Sodium Azide.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Storage               | Store at -20°C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

## Application Details

WB: 1:500-1:1,000

## Images



Western blot analysis of MSX1 on NTERA-2 cell lysate using anti-MSX1 antibody at 1/1,000 dilution.

## Background

Drosophila, muscle segment (msh) homolog 1, homeo domain encoding gene, inhibiting MYOD1 expression, highly expressed in dental mesenchyme during critical bud stage, involved in epithelial-mesenchymal signaling in many organs, and in the pathogenesis of cleft lip and palate, interacting with MSX2 in mouse limb bud patterning. This gene encodes a member of the muscle segment homeobox gene family. The encoded protein functions as a transcriptional repressor during embryogenesis through interactions with components of the core transcription complex and other homeoproteins. It may also have roles in limb-pattern formation, craniofacial development, particularly odontogenesis, and tumor growth inhibition. Tissue specificity: Expressed in the developing nail bed mesenchyme.

## References

Note: This product is for in vitro research use only and is not intended for use in humans or animals.