MARCKS(Phospho-Ser158) Antibody

Catalog No: #11293

Package Size: #11293-1 50ul #11293-2 100ul



Orders: order@signalwayantibody.com Support: tech@signalwayantibody.com

| Description | |
|-----------------------|--|
| Product Name | MARCKS(Phospho-Ser158) Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. |
| | Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho |
| | specific antibodies were removed by chromatogramphy using non-phosphopeptide. |
| Applications | WB IF |
| Species Reactivity | Hu Ms Rt |
| Specificity | The antibody detects endogenous level of MARCKS only when phosphorylated at serine 158. |
| Immunogen Type | Peptide-KLH |
| Immunogen Description | Peptide sequence around phosphorylation site of serine 158 (R-F-S(p)-F-K) derived from Human MARCKS. |
| Target Name | MARCKS |
| Modification | Phospho |
| Other Names | MACS; MARCS; PKCSL; PRKCSL; Protein kinase C substrate |
| Accession No. | Swiss-Prot: P29966NCBI Protein: NP_002347.5 |
| Uniprot | P29966 |
| GeneID | 4082; |
| Concentration | 1.0mg/ml |
| Formulation | Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% |
| | sodium azide and 50% glycerol. |
| Storage | Store at -20°C for long term preservation (recommended). Store at 4°C for short term use. |

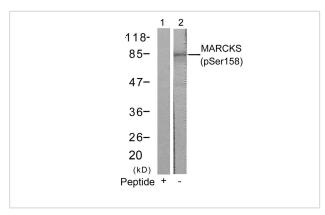
Application Details

Predicted MW: 80kd

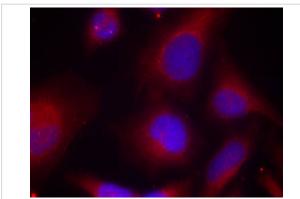
Western blotting: 1:500~1:1000

Immunofluorescence: 1:100~1:200

Images



Western blot analysis of extracts from 3T3 cells using MARCKS(Phospho-Ser158) Antibody #11293(Lane 2) and the same antibody preincubated with blocking peptide(Lane1).



Immunofluorescence staining of methanol-fixed Hela cells using MARCKS(Phospho-Ser158) Antibody #11293.

Background

MARCKS is the most prominent cellular substrate for protein kinase C. This protein binds calmodulin, actin, and synapsin. MARCKS is a filamentous (F) actin cross-linking protein.

Pariser H, et al. Proc Natl Acad Sci U S A 2005 Aug 30; 102(35): 12407-12412

Nagumo H, et al. Biochem Biophys Res Commun 2001 Jan 26; 280(3): 605-609

Yamamoto H, et al. Arch Biochem Biophys 1998 Nov 15; 359(2): 151-159

Note: This product is for in vitro research use only