**Product Datasheet**

# UFD1 Rabbit mAb

Catalog No: #52640

Package Size: #52640-1 50ul #52640-2 100ul

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

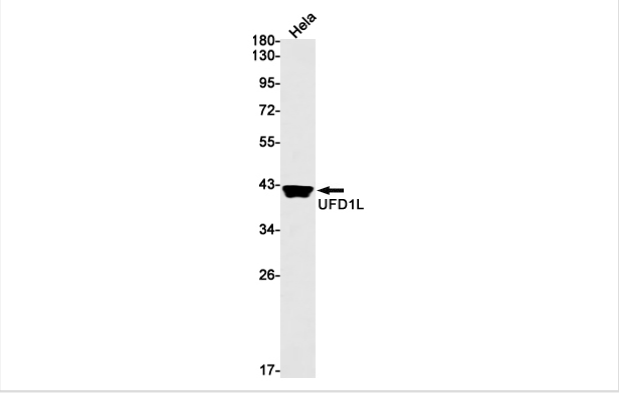
## Description

| | |
|---|---|
| Product Name | UFD1 Rabbit mAb |
| Host Species | Recombinant Rabbit |
| Clonality | Monoclonal antibody |
| Clone No. | S09-7G5 |
| Isotype | Rabbit IgG |
| Purification | Affinity Purified |
| Applications | WB |
| Species Reactivity | Human,Mouse,Rat |
| Immunogen Description | A synthetic peptide of human UFD1L |
| Conjugates | Unconjugated |
| Modification | Unmodification |
| Other Names | UFD1L |
| Accession No. | Swiss-Prot:Q92890GeneID:7353 |
| Uniprot | Q92890 |
| GeneID | 7353 |
| Calculated MW | Calculated MW: 35 kDa; Observed MW: 40 kDa |
| Concentration | 0.3 mg/ml |
| Formulation | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA |
| Storage | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |

## Application Details

WB: 1/1000-1/5000

## Images




Western blot detection of UFD1L in Hela cell lysates using UFD1L Rabbit mAb(1:1000 diluted).Predicted band size:35kDa.Observed band size:40kDa.

## Background

Swiss-Prot Acc.Q92890.Essential component of the ubiquitin-dependent proteolytic pathway which degrades ubiquitin fusion proteins. The ternary complex containing UFD1, VCP and NPLOC4 binds ubiquitinated proteins and is necessary for the export of misfolded proteins from the ER to the cytoplasm, where they are degraded by the proteasome. The NPLOC4-UFD1-VCP complex regulates spindle disassembly at the end of mitosis and is necessary for the formation of a closed nuclear envelope. It may be involved in the development of some ectoderm-derived structures . Acts as a negative regulator of type I interferon production via the complex formed with VCP and NPLOC4, which binds to DDX58/RIG-I and recruits RNF125 to promote ubiquitination and degradation of DDX58/RIG-I (PubMed:26471729).

Note: This product is for in vitro research use only