

## DERLIN-1 Antibody HRP Conjugated

Catalog No: #C01066H

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## Description

|                       |   |
|-----------------------|---|
| Product Name          | DERLIN-1 Antibody HRP Conjugated  |
| Host Species          | Rabbit  |
| Clonality             | Polyclonal  |
| Isotype               | IgG   |
| Purification          | Purified by Protein A.  |
| Applications          | ,IHC-P,IHC-F,ICC  |
| Species Reactivity    | Hu Ms Rt  |
| Immunogen Description | KLH conjugated synthetic peptide aa 120-170 251 derived from human DERLIN-1     |
| Conjugates            | HRP   |
| Target Name           | DERLIN-1  |
| Other Names           | Derlin1; Derlin1; Derlin 1; DER1; DER-1; DER 1; DERL1_HUMAN.                    |
| Accession No.         | Swiss-Prot#Q9BUN8NCBI Gene ID79139  |
| Uniprot               | Q9BUN8  |
| GeneID                | 79139;  |
| Excitation Emission   | N A   |
| Cell Localization     | Cytoplasm   |
| Concentration         | 1mg ml  |
| Formulation           | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.                |
| Storage               | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. |

## Application Details

IHC-P=1:50-200 IHC-F=1:50-200 ICC=1:50-200

## Background

Degradation in endoplasmic reticulum proteins, also designated Derlins or DERtrins, are crucial for the degradation of misfolded endoplasmic reticulum (ER) luminal proteins. Derlin proteins are multi-pass membrane proteins localizing to the ER. Derlins are involved in transferring misfolded proteins from the ER to the cytosol, where the misfolded proteins are destroyed in an ubiquitin-dependent manner by the proteasome. In the case of cytomegalovirus infection, Derlin-1, as opposed to Derlins-2 and -3, is involved in the export of MHC class I heavy chains from the ER via its interaction with the viral protein US11. Derlins may also be important for cell proliferation.

Note: This product is for in vitro research use only