

DERLIN-1 Antibody HRP Conjugated

Catalog No: #C01066H

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

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