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anti-DERL1 antibody (C-Term)





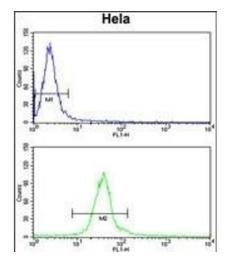
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Overview	
Quantity:	400 μL
Target:	DERL1
Binding Specificity:	AA 224-251, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DERL1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)
Product Details	
Immunogen:	This DERL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 224-251 amino acids from the C-terminal region of human DERL1.
Clone:	RB22770
Isotype:	lg Fraction
Predicted Reactivity:	В
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	DERL1

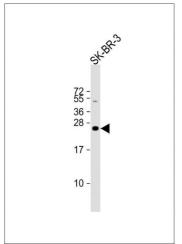
Target Details

Alternative Name:	DERL1 (DERL1 Products)	
Background:	Functional component of endoplasmic reticulum-associated degradation (ERAD) for misfolded	
	lumenal proteins. DERL1 may act by forming a channel that allows the retrotranslocation of	
	misfolded proteins into the cytosol where they are ubiquitinated and degraded by the	
	proteasome. It may mediate the interaction between VCP and the degradation substrate. In	
	case of infection by cytomegaloviruses, it plays a central role in the export from the ER and	
	subsequent degradation of MHC class I heavy chains via its interaction with US11 viral protein,	
	which recognizes and associates with MHC class I heavy chains. Also participates in the	
	degradation process of misfolded cytomegalovirus US2 protein.	
Molecular Weight:	28801	
Gene ID:	79139	
NCBI Accession:	NP_001128143, NP_077271	
UniProt:	Q9BUN8	
Pathways:	ER-Nucleus Signaling	
Application Details		
Application Notes:	WB: 1:16000. WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which	
	should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small	
	aliquots to prevent freeze-thaw cycles.	
Expiry Date:	6 months	



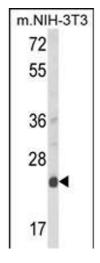
Flow Cytometry

Image 1. DERL1 Antibody (C-term) (ABIN652693 and ABIN2842462) flow cytometry analysis of Hela cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. Anti-DERL1 Antibody (C-term) at 1:16000 dilution + SK-BR-3 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 29 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



Western Blotting

Image 3. Western blot analysis of DERL1 Antibody (C-term) (ABIN652693 and ABIN2842462) in mouse NIH-3T3 cell line lysates (35 μ g/lane). DERL1 (arrow) was detected using the purified Pab.

Please check the product details page for more images. Overall 4 images are available for ABIN652693.