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anti-DIABLO antibody





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Quantity:	100 μL	
Target:	DIABLO	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Monoclonal	
Conjugate:	This DIABLO antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)	

Product Details

Purpose:	Smac/Diablo Rabbit mAb	
Immunogen:	A synthesized peptide derived from human Smac/Diablo	
Isotype:	IgG	
Cross-Reactivity:	Human, Mouse, Rat	
Characteristics:	Monoclonal Antibodies	
Purification:	Affinity purification	

Target Details

Target:	DIABLO
Alternative Name:	DIABLO (DIABLO Products)
Background: This gene encodes an inhibitor of apoptosis protein (IAP)-binding protein. The encode	

mitochondrial protein enters the cytosol when cells undergo apoptosis, and allows activation of caspases by binding to inhibitor of apoptosis proteins. Overexpression of the encoded protein sensitizes tumor cells to apoptosis. A mutation in this gene is associated with young-adult onset of nonsyndromic deafness-64. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, May 2013],DFNA64,

SMAC,Apoptosis,Apoptosis_Death receptors & ligands,Apoptosis_Inhibition of

Apoptosis,Apoptosis_Mitochondrial Control of Apoptosis,Cancer,Cell Biology & Developmental Biology,Death Receptor Signaling Pathway,Endocrine & Metabolism,Invasion and

Metastasis,Mitochondrial metabolism,Mitochondrial metabolism_Mitochondrial markers,DIABLO

Molecular Weight: 21kDa

Gene ID: 56616

UniProt: Q9NR28

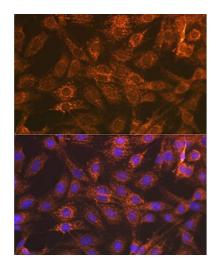
Pathways: Apoptosis, Caspase Cascade in Apoptosis, Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200
Restrictions:	For Research Use only

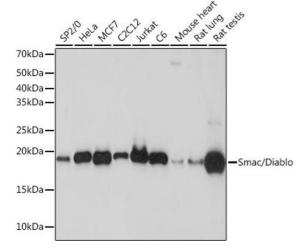
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



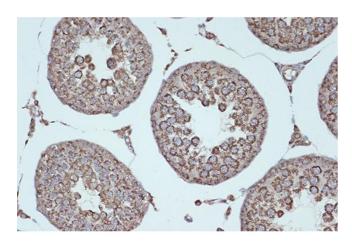
Immunofluorescence

Image 1. Immunofluorescence analysis of C6 cells using Smac/Diablo Rabbit mAb (ABIN7270177) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using Smac/Diablo Rabbit mAb (ABIN7270177) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 30s.



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded rat testis using Smac/Diablo Rabbit mAb (ABIN7270177) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Please check the product details page for more images. Overall 5 images are available for ABIN7270177.