SMAC Monoclonal Antibody | anti-SMAC antibody

SMAC Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA314462	**Recombinant Rabbit**	**Human, Mouse, Rat**	**Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

SMAC; Monoclonal Antibody; SMAC Rabbit mAb; DFNA64; DIABLO; SMAC3; anti-SMAC antibody

PRODUCT SPECIFICATIONS

Host	Recombinant Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	S08-6A3
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	0.3mg/ml (varies by lot)
Applicable Applications for anti-SMAC antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human Smac/Diablo
Conjugation	Unconjugated
Modification	Unmodification
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemisry)
Immunohistochemistry of Smac/Diablo in paraffin-embedded Human tonsil using Smac/Diablo Rabbit mAb at dilution 1/5



ICC (Immunocytochemistry)
Immunocytochemistry of Smac/Diablo(green) in Hela cells using Smac/Diablo Rabbit mAb at dilution 1/200, and DAPI(blue



WB (Western Blot)
Western blot detection of Smac/Diablo in K562,Hela cell lysates using Smac/Diablo Rabbit mAb(1:1000 diluted).Predicted band size:27kDa.Observed band size:21kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-SMAC antibody	Promotes apoptosis by activating caspases in the cytochrome c/Apaf-1/caspase-9 pathway. Acts by opposing the inhibitory activity of inhibitor of apoptosis proteins (IAP). Inhibits the activity of BIRC6/bruce by inhibiting its binding to caspases. Isoform 3 attenuates the stability and apoptosis-inhibiting activity of XIAP/BIRC4 by promoting XIAP/BIRC4 ubiquitination and degradation through the ubiquitin-proteasome pathway. Isoform 3 also disrupts XIAP/BIRC4 interacting with processed caspase-9 and promotes caspase-3 activation. Isoform 1 is defective in the capacity to down-regulate the XIAP/BIRC4 abundance.
Product Categories/Family for anti-SMAC antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	9454219
NCBI GeneID	56616
UniProt Accession #	Q9NR28; Q6W3F3; Q96LV0; Q9BT11; Q9HAV6; B2RDQ0
Molecular Weight	27,131 Da
NCBI Official Full Name	Smac
NCBI Official Synonym Full Names	diablo, IAP-binding mitochondrial protein
NCBI Official Symbol	DIABLO
NCBI Official Synonym Symbols	SMAC; DFNA64
NCBI Protein Information	diablo homolog, mitochondrial; direct IAP-binding protein with low pI; second mitochondria-derived activator of caspase
UniProt Protein Name	Diablo homolog, mitochondrial
UniProt Gene Name	**DIABLO**
UniProt Synonym Gene Names	SMAC; Smac
UniProt Entry Name	DBLOH_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/smac-antibody-clone-s08-6a3-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/314462