

Rabbit anti-Human SMAC Polyclonal Antibody | anti-DIABLO antibody

SMAC Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290067	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

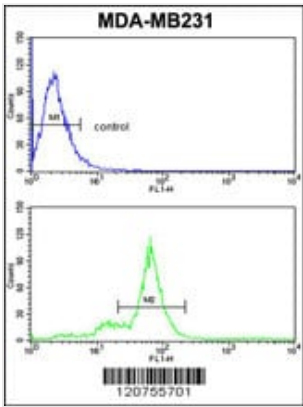
PRODUCT SYNONYMS

SMAC; Polyclonal Antibody; SMAC Antibody (C-term); Diablo homolog; mitochondrial; Direct IAP-binding protein with low pI; Second mitochondria-derived activator of caspase; Smac; DIABLO; anti-DIABLO antibody

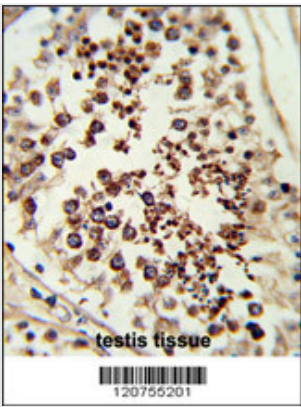
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SMAC antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 211-239 amino acids from the C-terminal region of human SMAC.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	211-239
Sequence Length	195
Applicable Applications for anti-DIABLO antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

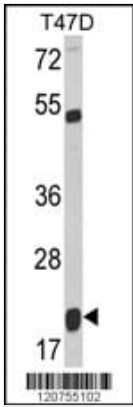
IMAGES



FCM/FACS (Flow Cytometry)
SMAC Antibody (C-term) flow cytometric analysis of MDA-MB231 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human testis tissue reacted with SMAC Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of SMAC Antibody (C-term) in T47D cell line lysates (35ug/lane). SMAC (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-DIABLO antibody	SMAC is an inhibitor of apoptosis protein (IAP)-binding protein. This mitochondrial protein enters the cytosol when cells undergo apoptosis, and it moderates the caspase inhibition of IAPs.
Product Categories/Family for anti-DIABLO antibody	Cancer; Cell Biology; Metabolism
References	Carbone,A., et.al., Genes Chromosomes Cancer 47 (12), 1067-1075 (2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	508083041
NCBI GeneID	56616
NCBI Accession #	NP_001265231.1; NP_001265232.1; NP_001265233.1; NP_001265271.1; NP_063940.1; NP_620308.1
NCBI GenBank Nucleotide #	NM_001278302.1
UniProt Accession #	Q9NR28; Q6W3F3; Q96LV0; Q9BT11; Q9HAV6; B2RDQ0
Molecular Weight	27131
NCBI Official Full Name	diablo homolog, mitochondrial isoform 4

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
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/polyclonal/smac-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/290067>