

Product Datasheet

SMAC/Diablo Antibody NB100-56166

Unit Size: 0.05 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NB100-56166

SMAC/Diablo Antibody

Product Information	
Unit Size	0.05 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Unpurified
Buffer	Whole antisera

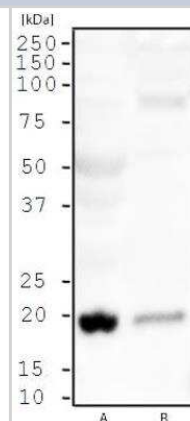
Product Description	
Host	Rabbit
Gene ID	56616
Gene Symbol	DIABLO
Species	Human, Mouse, Rat
Specificity/Sensitivity	Smac
Immunogen	Full-length recombinant human SMAC was used as immunogen.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-1:2000, Immunohistochemistry, Immunoprecipitation 1:50-1:200, Immunohistochemistry-Paraffin 1:1000-1:5000

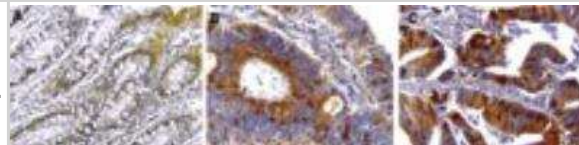


Images

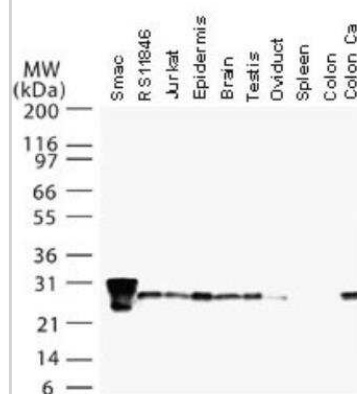
Western Blot: SMAC/Diablo Antibody - Unpurified [NB100-56166] - Analysis of A) MCF7 and B) K562 cell lysate using SMAC/Diablo this antibody at 1:500.



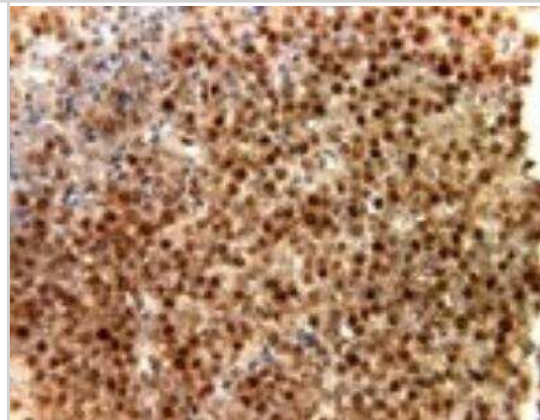
Immunohistochemistry-Paraffin: SMAC/Diablo Antibody - Unpurified [NB100-56166] - Formalin-fixed, paraffin-embedded human colon stained for Smac/DIABLO using this antibody at 1:2000. A) normal colon. B) and C) colon carcinoma. Only trace Smac/DIABLO immunoreactivity is seen in normal colonic epithelium A), which is seen in the apical, foveolar cells. In contrast, strong immunoreactivity is observed in B) nuclear and C) cytoplasmic locations in the colon carcinoma specimen. Hematoxylin-eosin counterstain.



Western Blot: SMAC/Diablo Antibody - Unpurified [NB100-56166] - Analysis of Smac/DIABLO human tissues and cell lines using this antibody. Legend. SMAC: full-length recombinant smac. RS1846 and Jurkat are tumor cell lines. All tissues are from normal donors except colon carcinoma (Colon Ca). SMAC expression was detected in all samples except spleen and normal colon.



Immunohistochemistry-Paraffin: SMAC/Diablo Antibody - Unpurified [NB100-56166] - Formalin-fixed, paraffin-embedded tissue section of human plasmacytoma (a mature B cell lymphoma) stained for Smac using this antibody at 1:2000. Intense nuclear staining is observed. Hematoxylin-eosin counterstain.



Publications

Sikorski K, Mehta A et al. A high-throughput pipeline for validation of antibodies. Nat Methods 2018-01-11 [PMID: 30377371] (Human)

Details:

Antibody validation based on denaturing gel electrophoresis of biotinylated cell lysates (PAGE) followed by mass spectrometry (MS) and antibody array analysis (MAP).

Krajewska M, Kim H, Kim C et al. Analysis of apoptosis protein expression in early-stage colorectal cancer suggests opportunities for new prognostic biomarkers. Clin Cancer Res. 2005-08-01 [PMID: 16061861] (IHC-P, WB, Human)

Details:

IHC-paraffin: Fig. 1F, WB: Fig. 3C.





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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