

Datasheet: VPA00087

Description:	RABBIT ANTI Smac/DIABLO
Specificity:	SMAC/DIABLO
Format:	Purified
Product Type:	PrecisionAb Polyclonal
Isotype:	Polyclonal IgG
Quantity:	100 µl

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin	▪			
ELISA			▪	
Immunoprecipitation			▪	
Western Blotting	▪			1/1000

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

Target Species

Human

Species Cross Reactivity

Reacts with: Mouse, Rat

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG - liquid

Preparation

Rabbit polyclonal antibody purified by affinity chromatography.

Buffer Solution

Phosphate buffered saline.

Preservative Stabilisers	0.09% Sodium Azide (NaN ₃).
Immunogen	Synthetic peptide corresponding to amino acids 225-239 of human Smac.
External Database Links	<p>UniProt: Q9NR28 Related reagents</p> <p>Entrez Gene: 56616 DIABLO Related reagents</p>
Synonyms	SMAC
Specificity	<p>Rabbit anti Human Smac/DIABLO antibody recognizes human second mitochondria-derived activator of caspase (Smac), otherwise known as direct IAP-binding protein with low pI (DIABLO) or diablo homolog, mitochondrial. Smac is expressed in a variety of tissues and has been identified as a negative regulator of X-linked inhibitor of apoptosis (XIAP), a member of the IAP (inhibitors of apoptosis proteins) family which blocks cell death by caspase inhibition.</p> <p>Rabbit anti Human Smac/DIABLO antibody detects Smac as a single band of 21 kDa in a wide range of human cell line lysates. Cross reactivity with rodent cell lines is also observed.</p>
Western Blotting	Rabbit anti Smac detects a band of approximately 21 kDa in Jurkat cell lysates.
Further Reading	<ol style="list-style-type: none"> 1. Verhagen, A.M. <i>et al.</i> (2001) Inhibitor of apoptosis proteins and their relatives: IAPs and other BIRPs. Genome Biol. 2 (7): REVIEWS3009. 2. Wu, G. <i>et al.</i> (2000) Structural basis of IAP recognition by Smac/DIABLO. Nature. 408 (6815): 1008-12.
Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
Guarantee	12 months from date of despatch.
Acknowledgements	PrecisionAb is a trademark of Bio-Rad Laboratories.
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/VPA00087 Antibody (10040)
Regulatory	For research purposes only.

Related Products

Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

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batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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