

## Datasheet: AHP598

<b>Description:</b>	RABBIT ANTI Smac/DIABLO (C-TERMINAL)
<b>Specificity:</b>	SMAC/DIABLO (C-TERMINAL)
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	0.1 mg

## 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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin (1)	▪			5 ug/ml
ELISA			▪	
Immunoprecipitation			▪	
Western Blotting	▪			1ug/ml

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

**(1) This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium citrate buffer pH 6.0 is recommended for this purpose.**

### Target Species

Human

### Species Cross Reactivity

Reacts with: Rat, Mouse

**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

### Antiserum Preparation

Antisera to human Smac/DIABLO were raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG prepared by affinity chromatography.

<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.02% Sodium Azide
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml
<b>Immunogen</b>	Synthetic peptide corresponding to amino acids 225-239 of human Smac/DIABLO.
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">Q9NR28</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">56616</a> DIABLO    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	SMAC
<b>RRID</b>	AB_2277360
<b>Specificity</b>	<b>Rabbit anti Smac/DIABLO antibody</b> recognizes the C-terminal region of human Smac/DIABLO. Inhibitors of apoptosis proteins (IAP's) block cell death by caspase inhibition. X-linked inhibitor of apoptosis (XIAP) is a member of the IAP family. Smac/DIABLO is expressed in a variety of tissues and has been identified as a negative regulator of XIAP.
<b>Histology Positive Control Tissue</b>	Ovary tissue.
<b>Further Reading</b>	<ol style="list-style-type: none"> <li>1. Verhagen, A. M. <i>et al</i> (2001) Inhibitor of apoptosis proteins and their relatives. IAP's and other BIRPS's. <a href="#">Genome Biol. 2: Reviews 3009.</a></li> <li>2. Wu, G. <i>et al</i> (2000) Structural basis of IAP recognition by Smac/DIABLO. <a href="#">Nature. 408: 1008-12</a></li> </ol>
<b>Storage</b>	<p>Store at +4°C or at -20°C if preferred.</p> <p>This product should be stored undiluted.</p> <p>Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: 10040: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf</a>
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)

### Recommended Useful Reagents

[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025A\)](#)

[100x ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025C\)](#)

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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