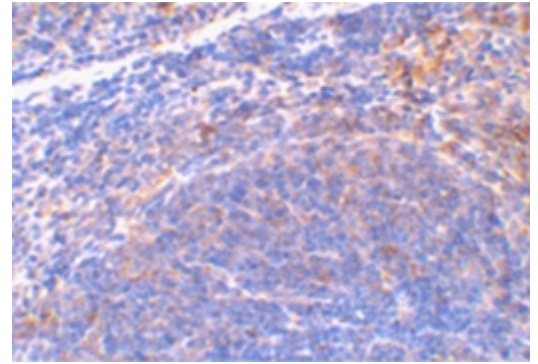


**SP1309****Polyclonal Antibody to DIABLO / SMAC (222-237) - Aff - Purified**

<b>Alternate names:</b>	Diablo homolog mitochondrial, Direct IAP-binding protein with low pl, Second mitochondria-derived activator of caspase
<b>Quantity:</b>	0.1 mg
<b>Concentration:</b>	0.5 mg/ml
<b>Background:</b>	Inhibitors of apoptosis proteins (IAPs) 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>Uniprot ID:</b>	<a href="#">Q9NR28</a>
<b>NCBI:</b>	<a href="#">NP_063940.1</a>
<b>GeneID:</b>	<a href="#">56616</a>
<b>Host / Isotype:</b>	Rabbit / IgG
<b>Immunogen:</b>	Synthetic peptide corresponding to amino acids 222-237 of Mouse Smac/DIABLO
<b>Format:</b>	<b>State:</b> Liquid purified IgG fraction <b>Purification:</b> Affinity Chromatography <b>Buffer System:</b> PBS <b>Preservatives:</b> 0.02% Sodium Azide
<b>Applications:</b>	<b>Western blot:</b> 1 µg/ml. <b>Immunohistochemistry on Paraffin Sections:</b> Requires antigen retrieval using heat treatment prior to staining of paraffin sections. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody recognises the C-terminal region of Smac/DIABLO. <b>Species:</b> Mouse, Human, Rat. Other species not tested.
<b>Storage:</b>	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	1. Verhagen, A. M. et al (2001) Inhibitor of apoptosis proteins and their relatives; IAPs and other BIRPSs. <i>Genome Biol.</i> 2(7): Reviews 3009. 2. Wu G, Chai J, Suber TL, Wu JW, Du C, Wang X, et al. Structural basis of IAP recognition by Smac/DIABLO. <i>Nature.</i> 2000 Dec 21-28;408(6815):1008-12. PubMed PMID: 11140638.

**Pictures:**

Imunohistochemical staining of mouse spleen with DIABLO / SMAC antibody Cat.-No SP1309.



Western blot analysis of Smac/DIABLO in mouse heart tissue lysate in the absence (A) or presence (B) of blocking peptide and in rat heart tissue lysate with DIABLO / SMAC antibody Cat.-No SP1309.

