

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **SMAC RABBIT MAB**

Cat.#: N262909

**Product Name:** Anti-SMAC Rabbit Monoclonal Antibody

**Synonyms:** SMAC; DFNA64; DIABLO; SMAC3

**UNIPROT ID: Q9NR28** 

**Background:** Smac/Diablo is a 21 kDa mammalian mitochondrial protein that functions as a regulatory component during apoptosis. Upon mitochondrial stress, Smac/Diablo is released from mitochondria and competes with caspases for binding of IAPs (inhibitor of apoptosis proteins). The interaction of Smac/Diablo with IAPs relieves the inhibitory effect of the IAPs on caspases.

**Immunogen:** A synthetic peptide of human Smac/Diablo

**Applications:** WB,IHC-F,IHC-P,ICC/IF,IP

**Recommended Dilutions:** WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP:

1/20

Host Species: Rabbit

Clonality: Rabbit Monoclonal

**Clone ID:** R08-6A3

MW: Calculated MW: 27 kDa; Observed MW: 21 kDa

**Isotype:** IgG

**Purification:** Affinity Purified

Species Reactivity: Human, Mouse, Rat

**Conjugation:** Unconjugated **Modification:** Unmodified

Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50%

glycerol, 0.5% BSA and 0.02% sodium azide

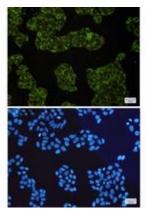
**Research Areas:** apoptosis - Caspase family

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

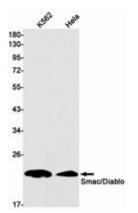


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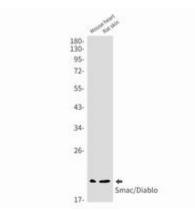
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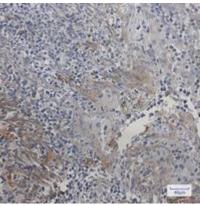
Immunocytochemistry analysis of Smac/Diablo(green) in Hela using Smac/Diablo antibody,and DAPI(blue)



Western blot analysis of Smac/Diablo in K562, Hela lysates using Smac/Diablo antibody.



Western blot analysis of Smac/Diablo in mouse heart, rat skin lysates using SMAC antibody.



Immunohistochemistry analysis of paraffin-embedded Human tonsil using Smac/Diablo antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.