

## SMAC monoclonal antibody

Catalog: MB11607

Host: Rabbit

Reactivity: Human, Mouse, Rat

### 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.

### Product:

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

### Molecular Weight:

Calculated MW: 27 kDa; Observed MW: 21 kDa

### Swiss-Prot:

Q9NR28

### Purification&Purity:

Affinity Purified

### Applications:

WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200  
IP: 1/20

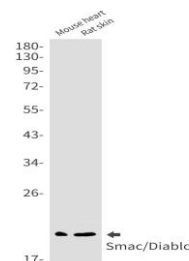
### Storage&Stability:

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

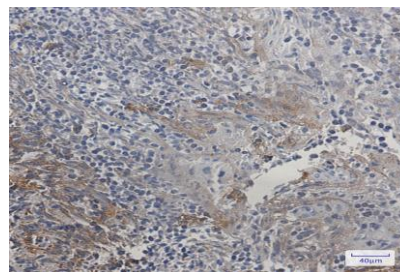
### Isotype:

IgG

### DATA:



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



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

Immunocytochemistry analysis of Smac/Diablo in Hela using Smac/Diablo antibody, and DAPI

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.

### Note:

For research use only, not for use in diagnostic procedure.

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