

Recombinant SMAC/Diablo Monoclonal Antibody

catalog number: AN300074P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

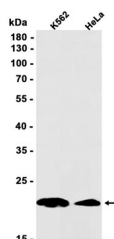
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human SMAC / Diablo Protein
Host	Rabbit
Isotype	IgG
Clone	A1184
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS

Applications

Recommended Dilution

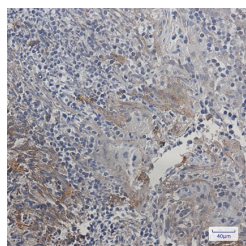
WB: 1:1000; IHC-P: 1:20; ICC/IF: 1:200-1:500; IP: 1:10-1:100

Data

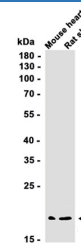


Western blot analysis of extracts from K562, HeLa cells at 1:1000.

Observed-MW:21 kDa
Calculated-MW:27 kDa

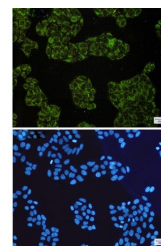


Immunohistochemical analysis of paraffin-embedded human tonsil .



Western blot analysis of extracts from Mouse heart, Rat skin tissues at 1:1000.

Observed-MW:21 kDa
Calculated-MW:27 kDa



Immunofluorescent analysis of HeLa cells (green), and DAPI (blue).

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

This gene encodes an inhibitor of apoptosis protein (IAP)-binding protein. The encoded mitochondrial protein enters the cytosol when cells undergo apoptosis, and allows activation of caspases by binding to inhibitor of apoptosis proteins. Overexpression of the encoded protein sensitizes tumor cells to apoptosis. A mutation in this gene is associated with young-adult onset of nonsyndromic deafness-64. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, May 2013]

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