

Recombinant SMAC/Diablo Monoclonal Antibody

catalog number: **AN300075P**

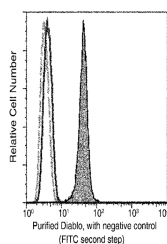
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity	Human
Immunogen	Recombinant Human SMAC / Diablo protein
Host	Rabbit
Isotype	IgG
Clone	11D12
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS

Applications Recommended Dilution

WB	1:10000-1:50000
FCM	1:25-1:100
ICC/IF	1:20-1:100



Flow cytometric analysis of Human Diablo expression on HeLa cells. The cells were stained with purified anti-Human Diablo (Filled histogram), then a FITC-conjugated second step antibody. To demonstrate specificity of staining, the binding by 10339-R006 was blocked by preincubation of the purified antibody with 20ug recombinant human Diablo (Cat: PKSH031669) for 1 hour (Black solid line histogram). The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of intact cells.

Preparation & Storage

Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

Background

For Research Use Only

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-61. Alternative splicing results in multiple transcript variants encoding different isoforms.