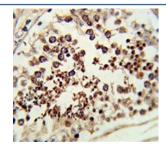


# **SMAC/Diablo Antibody (F54888)**

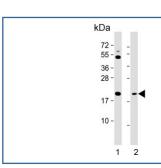
Catalog No.	Formulation	Size
F54888-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54888-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

## **Bulk quote request**

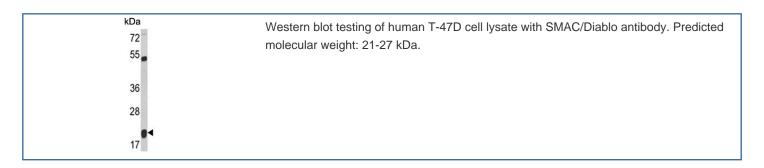
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	Q9NR28
Localization	Cytoplasmic
Applications	Flow Cytometry: 1:10-1:50 (1x10e6 cells) Immunohistochemistry (FFPE): 1:50-1:100 Western Blot: 1:500-1:1000
Limitations	This SMAC/Diablo antibody is available for research use only.

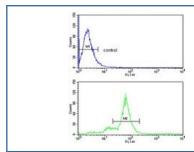


IHC testing of FFPE human testis tissue with SMAC/Diablo antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Western blot testing of human 1) HeLa and 2) Jurkat cell lysate with SMAC/Diablo antibody. Predicted molecular weight: 21-27 kDa.





Flow cytometry testing of human MDA-MB-231 cells with SMAC/Diablo antibody; Blue=isotype control, Green= SMAC/Diablo antibody.

## **Description**

SMAC is an inhibitor of apoptosis protein (IAP)-binding protein. This mitochondrial protein enters the cytosol when cells undergo apoptosis, and it moderates the caspase inhibition of IAPs.

## **Application Notes**

The stated application concentrations are suggested starting points. Titration of the SMAC/Diablo antibody may be required due to differences in protocols and secondary/substrate sensitivity.

#### **Immunogen**

A portion of amino acids 211-239 from the human protein was used as the immunogen for the SMAC/Diablo antibody.

#### **Storage**

Aliquot the SMAC/Diablo antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.