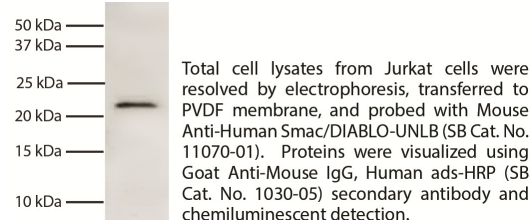




## Mouse Anti-Human Smac/DIABLO

Cat. No.	Format	Size
11070-01	Purified (UNLB)	0.1 mg



### Overview

<b>Clone</b>	2D12
<b>Isotype</b>	Mouse (BALB/c) IgG <sub>2b</sub> K
<b>Immunogen</b>	Recombinant Smac/DIABLO
<b>Specificity</b>	Human Smac/DIABLO
<b>Alternate Name(s)</b>	SMAC3, DIABLO-S, FLJ10537, FLJ25049, 0610041G12Rik

### Description

Smac/DIABLO (second mitochondria-derived activator of caspase/direct IAP-binding protein with low PI) is a mitochondrial protein that functions as a regulatory component during apoptosis. It is encoded by a nuclear gene and is subsequently imported into the mitochondria where the N-terminus is removed generating the mature form of the molecule. Smac/DIABLO has been shown to neutralize the antiapoptotic effect of the inhibitor of apoptosis protein (IAP) family, a major group of apoptosis regulators that have been shown to directly block caspase activity thereby blocking apoptosis.

### Applications

ELISA – Quality tested  
WB<sup>1</sup>

### Working Dilutions

<b>ELISA</b>	Purified (UNLB) antibody	≤ 1 µg/mL
<b>Immunoblotting</b>	Purified (UNLB) antibody	≤ 2 µg/mL
<b>Other Applications</b>	Since applications vary, you should determine the optimum working dilution for the product that is appropriate for your specific need.	

### Handling and Storage

- The purified (UNLB) antibody is supplied as 0.1 mg of purified immunoglobulin in 0.2 mL of borate buffered saline, pH 8.2. *No preservatives or amine-containing buffer salts added.* Store at 2-8°C.
- Reagent is stable for the period shown on the label if stored as directed.

### References

- SouthernBiotech published data

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TB11070  
13-Jan-16

Corporate Offices: 160 Oxmoor Blvd • Birmingham, AL 35209 • USA Mailing Address: P.O. Box 26221 • Birmingham, AL 35260 • USA

Tel: 205.945.1774 • U.S. and Canada: 800.722.2255 • Fax: 205.945.8768

Email: [info@southernbiotech.com](mailto:info@southernbiotech.com) • Website: [www.southernbiotech.com](http://www.southernbiotech.com)