

Product datasheet

Anti-Smac/Diablo antibody ab238525

1 Image

Overview

Product name	Anti-Smac/Diablo antibody
Description	Rabbit Polyclonal to Smac/Diablo
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Orangutan
Immunogen	Recombinant fragment corresponding to Human Smac/ Diablo aa 1-232. (NP_063940.1). Sequence: MAALKSWLSRSVTSFFRYRQCLCVPVVANFKKRCFSELI RPWHKTVTIGF GVTLCAPVIAQKSEPHSLSSSEALMRRVSLVTDSTSTFLS QTTYALIEAI TEYTKAVYTLTSLYRQYTSLLGKMNSEEEDEVWQVIIGARA EMTSKHQEY LKLETTWMTAVGLSEMAAEAYQTGADQASITARNHIQLV KLQVEEVHQL SRKAETKLAEAQIEELRQKTQEEGEERAESQ

Database link: [Q9NR28-1](#)

[Run BLAST with](#)

[Run BLAST with](#)

Positive control WB: SW620 and BT-474 cell lysates; Mouse spleen lysate.

General notes

Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.

Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.

We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.

In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.

We are also updating the applications & species that this product has been “predicted to work

with," however this information is not covered by our Abpromise guarantee.

Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.

Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, as well as customer reviews and Q&As.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol
Purity	Affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab238525** in the following tested applications.

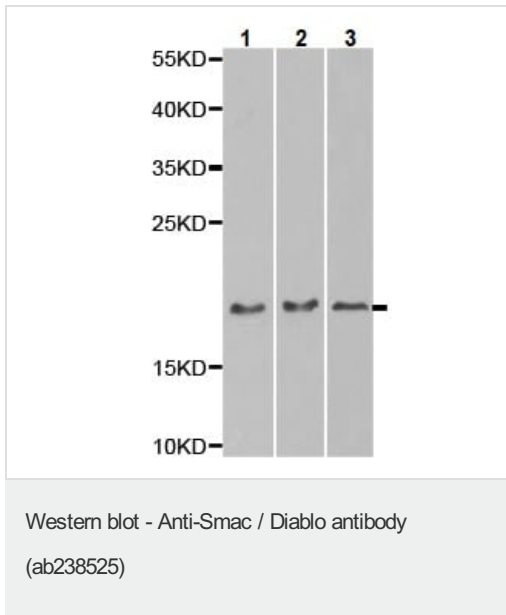
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/2000. Predicted molecular weight: 27 kDa.

Target

Function	Promotes apoptosis by activating caspases in the cytochrome c/Apaf-1/caspase-9 pathway. Acts by opposing the inhibitory activity of inhibitor of apoptosis proteins (IAP).
Tissue specificity	Ubiquitously expressed with highest expression in testis. Expression is also high in heart, liver, kidney, spleen, prostate and ovary. Low in brain, lung, thymus and peripheral blood leukocytes.
Domain	The mature N-terminus mediates interaction with XIAP.
Cellular localization	Mitochondrion. Released into the cytosol when cells undergo apoptosis.

Images



All lanes : Anti-Smac/Diablo antibody (ab238525) at 1/1000 dilution

Lane 1 : SW620 cell lysate

Lane 2 : BT-474 (human ductal breast epithelial tumor cell line) cell lysate

Lane 3 : Mouse spleen lysate

Predicted band size: 27 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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