

Anti-Smac/Diablo antibody [SMAC 17 1-87] ab111893

1 References [画像数 8](#)

製品の概要

製品名	Anti-Smac/Diablo antibody [SMAC 17 1-87]
製品の詳細	Mouse monoclonal [SMAC 17 1-87] to Smac/Diablo
由来種	Mouse
アプリケーション	適用あり: ICC/IF, IHC-P, WB
種交差性	交差種: Mouse, Rat, Human
免疫原	Recombinant full length Human Smac/ Diablo with a His tag at C terminal end.
ポジティブ・コントロール	IHC: human colon and testis tissue, mouse testis tissue; ICC/IF: A431, PC-12, MCF-7; WB: PC-12, HeLa, 293T cells, NIH3T3, MCF-7, Hep G2, Jurkat
特記事項	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>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, along with publications, customer reviews and Q&As</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
バッファー	Preservative: 0.05% Sodium azide Constituents: 99% PBS, 0.1% BSA
精製度	Protein G purified
ポリ/モノ	モノクローナル
クローン名	SMAC 17 1-87
アイソタイプ	IgG1

アプリケーション

The Abpromise guarantee

Abpromise保証は、次のテスト済みアプリケーションにおけるab111893の使用に適用されます

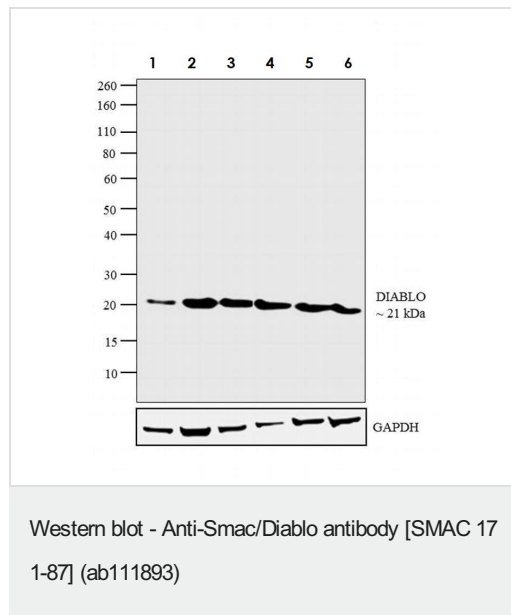
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
ICC/IF		1/20 - 1/200.
IHC-P		1/20 - 1/200. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		Use at an assay dependent concentration. Detects a band of approximately 25 kDa (predicted molecular weight: 27 kDa).

ターゲット情報

機能	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).
組織特異性	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.
ドメイン	The mature N-terminus mediates interaction with XIAP.
細胞内局在	Mitochondrion. Released into the cytosol when cells undergo apoptosis.

画像



All lanes : Anti-Smac/Diablo antibody [SMAC 17 1-87] (ab111893) at 1 µg/ml

Lane 1 : HeLa cell lysate

Lane 2 : Jurkat cell lysate

Lane 3 : MCF-7 cell lysate

Lane 4 : Hep G2 cell lysate

Lane 5 : NIH/3T3 cell lysate

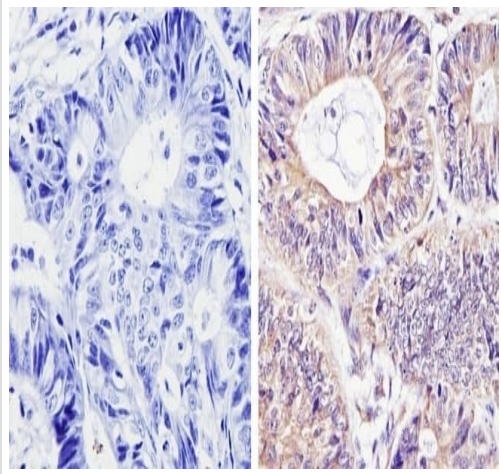
Lane 6 : PC-12 cell lysate

Lysates/proteins at 30 µg per lane.

Secondary

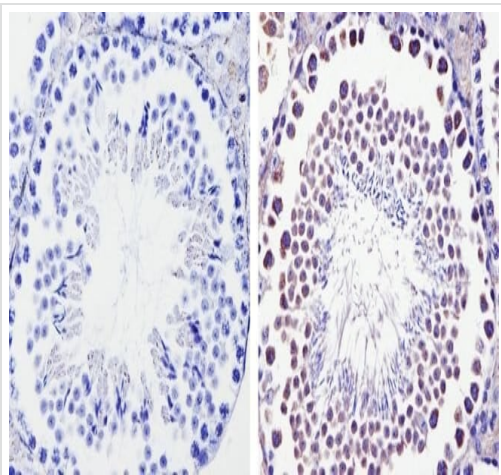
All lanes : Goat anti-Mouse IgG (H+L) Superclonal™ Secondary Antibody, HRP conjugate at 1/4000 dilution

Predicted band size: 27 kDa



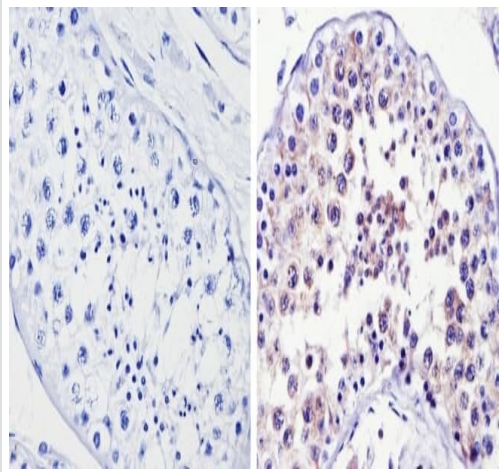
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Smac/Diablo antibody [SMAC 17 1-87] (ab111893)

Immunohistochemistry (paraffin-treated sections) analysis of human colon tissue labelling SMAC/Diablo with ab111893 at 1/100 dilution. Tissues were counterstained with hematoxylin and dehydrated with xylene and ethanol. Negative control (left) has no primary antibody. Heat mediated antigen retrieval performed with citrate buffer pH 6 before commencing with IHC staining protocol.



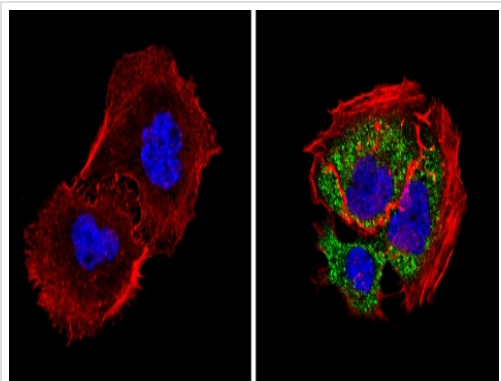
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Smac/Diablo antibody [SMAC 17 1-87] (ab111893)

Immunohistochemistry (paraffin-treated sections) analysis of mouse testis tissue labelling SMAC/Diablo with ab111893 at 1/100 dilution. Tissues were counterstained with hematoxylin and dehydrated with xylene and ethanol. Negative control (left) has no primary antibody. Heat mediated antigen retrieval performed with citrate buffer pH 6 before commencing with IHC staining protocol.



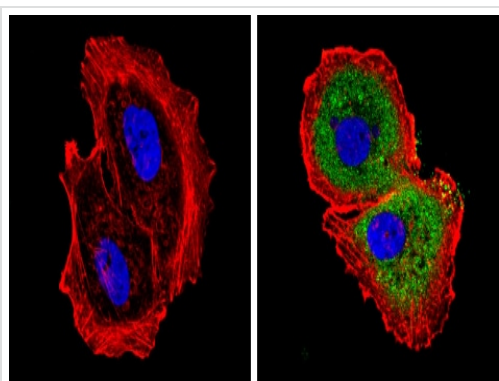
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Smac/Diablo antibody [SMAC 17 1-87] (ab111893)

Immunohistochemistry (paraffin-treated sections) analysis of human testis tissue labelling SMAC/Diablo with ab111893 at 1/100 dilution. Tissues were counterstained with hematoxylin and dehydrated with xylene and ethanol. Negative control (left) has no primary antibody. Heat mediated antigen retrieval performed with citrate buffer pH 6 before commencing with IHC staining protocol.



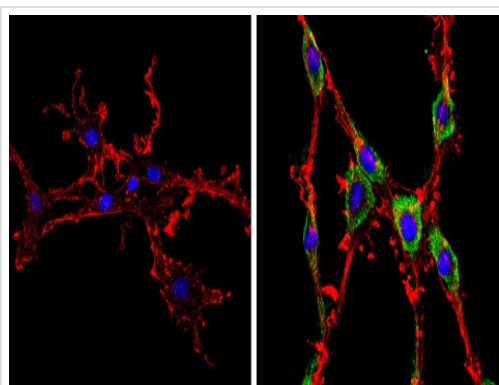
Immunocytochemistry/ Immunofluorescence - Anti-Smac/Diablo antibody [SMAC 17 1-87] (ab111893)

ab111893 labelling Smac / Diablo (green) in the cytoplasm of A431 cells by Immunocytochemistry/Immunofluorescence. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were incubated with the primary antibody (1:100 in 3% BSA-PBS) overnight at 4 °C. A DyLight-conjugated anti-mouse IgG was used as the secondary antibody. Red (phalloidin) - F-actin, Blue - nuclei. Images were taken at a magnification of 60x.



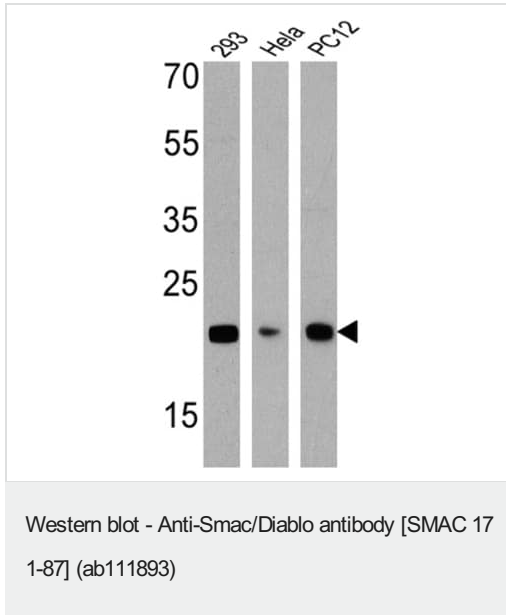
Immunocytochemistry/ Immunofluorescence - Anti-Smac/Diablo antibody [SMAC 17 1-87] (ab111893)

ab111893 labelling Smac / Diablo (green) in the cytoplasm of MCF-7 cells by Immunocytochemistry/Immunofluorescence. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were incubated with the primary antibody (1:100 in 3% BSA-PBS) overnight at 4 °C. A DyLight-conjugated anti-mouse IgG was used as the secondary antibody. Red (phalloidin) - F-actin, Blue - nuclei. Images were taken at a magnification of 60x.



Immunocytochemistry/ Immunofluorescence - Anti-Smac/Diablo antibody [SMAC 17 1-87] (ab111893)

ab111893 labelling Smac / Diablo (green) in the cytoplasm of PC12 cells by Immunocytochemistry/Immunofluorescence. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were incubated with the primary antibody (1:100 in 3% BSA-PBS) overnight at 4 °C. A DyLight-conjugated anti-mouse IgG was used as the secondary antibody. Red (phalloidin) - F-actin, Blue - nuclei. Images were taken at a magnification of 60x.



All lanes : Anti-Smac/Diablo antibody [SMAC 17 1-87] (ab111893) at 1/1000 dilution

Lane 1 : 293 cell lysate

Lane 2 : HeLa cell lysate

Lane 3 : PC12 cell lysate

Lysates/proteins at 25 µg per lane.

Predicted band size: 27 kDa

Observed band size: 21 kDa

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