

Anti-DIABLO antibody (56-239) [S0MR] (STJ11102390)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

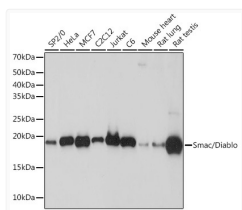
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 27kDa/21kDa/22kDa Observed Mw: 19kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

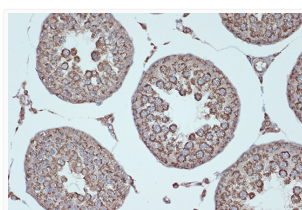
Gene ID	56616
Gene Symbol	DIABLO
UniProt ID	DBLOH_HUMAN
Immunogen Region	56-239
Immunogen Sequence	AVPIAQKSEPHSLSEALMR RAVSLVTDSTSTFLSQTTYA LIEAITEYTKAVYTLTSLYR QYTSLLGKMNSEEEDEVQV IIGARAEMTSKHQEYKLET TWMTAVGLSEMAAEAAAYQTG ADQASITARNHIQLVKLQVE EVHQLSRKAETKLAEAQIEE LRQKTQEEGEERAEESEQEAY LRED
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 56-239 of human Smac/Diablo (NP_063940.1).

ADDITIONAL INFORMATION

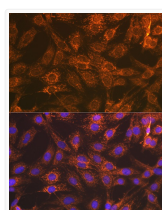
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



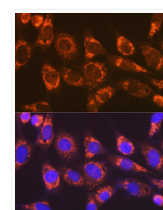
Western blot analysis of various lysates using Smac/Diablo Rabbit mAb (STJ11102390) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit
Exposure time: 30s.



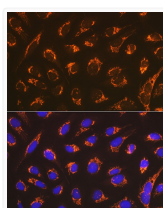
Immunohistochemistry analysis of paraffin-embedded Rat testis using Smac/Diablo Rabbit mAb (STJ11102390) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to immunohistochemistry staining.



Immunofluorescence analysis of C6 cells using Smac/Diablo Rabbit mAb (STJ11102390) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (STJS001166) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using Smac/Diablo Rabbit mAb (STJ11102390) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (STJS001166) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using Smac/Diablo Rabbit mAb (STJ11102390) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (STJS001166) at 1:500 dilution. Blue: DAPI for nuclear staining.