

Rabbit anti-Human MSL2 Polyclonal Antibody | anti-MSL2 antibody

Anti-MSL2 Antibody Picoband

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126245	Rabbit	Human	Western Blot, Immunocytochemistry, Immunofluorescence, Flow Cytometry, Functional Assay, ELISA

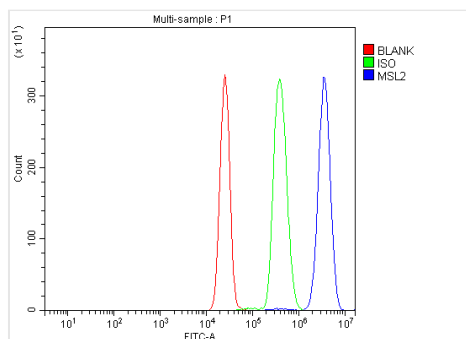
PRODUCT SYNONYMS

MSL2; Polyclonal Antibody; Anti-MSL2 Antibody Picoband; anti-MSL2 antibody

PRODUCT SPECIFICATIONS

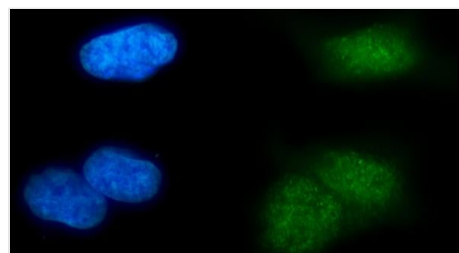
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)
Applicable Applications for anti-MSL2 antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry), ELISA
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	E Coli-derived human MSL2 recombinant protein (Position: M1-C577).
Preparation and Storage	Store at -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months. Avoid repeated freezing and thawing.

IMAGES



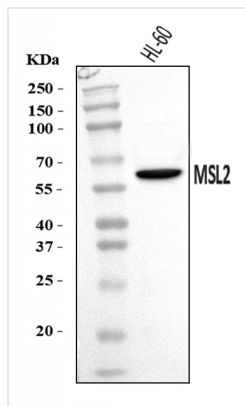
FCM/FACS (Flow Cytometry)

Figure 3. Flow Cytometry analysis of K562 cells using anti-MSL2 antibody (AAA126245). Overlay histogram showing K562 cells stained with AAA126245 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-MSL2 Antibody (AAA126245, 1 ug/1x10⁶ cells) for 30 min at 20 degree C. DyLight488 conjugated goat anti-rabbit IgG was used as secondary antibody for 30 minutes at 20 degree C. Isotype control antibody (Green line) was rabbit IgG (1 ug/1x10⁶) used under the same conditions. Unlabelled sample (Red line) was also used as a control.



IF (Immunofluorescence)

Figure 2. IF analysis of MSL2 using anti-MSL2 antibody (AAA126245). MSL2 was detected in an immunocytochemical section of U2OS cells. Enzyme antigen retrieval was performed using IHC enzyme antigen retrieval reagent (AR0022) for 15 mins. The cells were blocked with 10% goat serum. And then incubated with 5 ug/mL rabbit anti-MSL2 Antibody (AAA126245) overnight at 4 degree C. DyLight488 Conjugated Goat Anti-Rabbit IgG was used as secondary antibody at 1:100 dilution and incubated for 30 minutes at 37 degree C. The section was counterstained with DAPI. Visualize using a fluorescence microscope and filter sets appropriate for the label used.



WB (Western Blot)

Figure 1. Western blot analysis of MSL2 using anti-MSL2 antibody (AAA126245). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human HL-60 whole cell lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-MSL2 antigen affinity purified polyclonal antibody (#AAA126245) at 0.5 ug/mL overnight at 4 degree C, then washed with TBS-0.1% Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for MSL2 at approximately 63 kDa. The expected band size for MSL2 is at 63 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-MSL2 antibody	MSL2 (MSL Complex Subunit 2) is a protein coding gene located on human chromosome 3q22.3. MSL2 is also known as MSL-2, MSL2L1 and RNF184. The human MSL2 gene encodes a 62541 Da protein containing 577 amino acids. The MSL2 protein is ubiquitously expressed in bone marrow, lymph node and other tissues. Among its related pathways are Chromatin organization and Chromatin Regulation/Acetylation. MSL2 is related to ligase activity. MSL2 is associated with some diseases, such as Atrial Septal Defect 3.
Product Categories/Family for anti-MSL2 antibody	Primary Antibodies , Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	224028284
NCBI GeneID	55167
NCBI Accession #	NP_001138889.1
NCBI GenBank Nucleotide #	NM_001145417.1
UniProt Accession #	Q9HCI7 ; Q0D2P1 ; Q8NDB4 ; Q9NVS4 ; B4DYL4 ; G5E9I1
Molecular Weight	62,541 Da
NCBI Official Full Name	E3 ubiquitin-protein ligase MSL2 isoform 2
NCBI Official Synonym Full Names	male-specific lethal 2 homolog (Drosophila)
NCBI Official Symbol	MSL2
NCBI Official Synonym Symbols	MSL-2; MSL2L1; RNF184
NCBI Protein Information	E3 ubiquitin-protein ligase MSL2; MSL2-like 1; ring finger protein 184; male-specific lethal 2-like 1; male-specific lethal-2 homolog 1
UniProt Protein Name	E3 ubiquitin-protein ligase MSL2
UniProt Gene Name	MSL2

UniProt Synonym Gene Names	KIAA1585; MSL2L1; RNF184; MSL2-like 1; MSL-2
UniProt Entry Name	MSL2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/msl2-antibody-western-blot-immunocytochemistry-immunofluorescence-flow-cytometry-elisa/126245>