

Rabbit anti-Human MSRB2 Polyclonal Antibody | anti-MSRB2 antibody

MSRB2 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288926	Rabbit	Human	Western Blot, Immunohistochemistry, ELISA, Flow Cytometry, Functional Assay

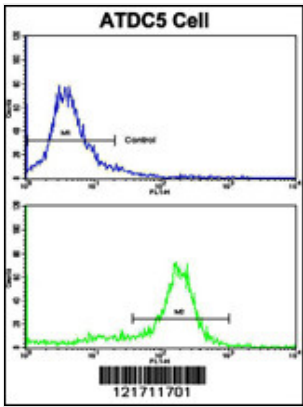
PRODUCT SYNONYMS

MSRB2; Polyclonal Antibody; MSRB2 Antibody (Center); Methionine-R-sulfoxide reductase B2; mitochondrial; MsrB2; 184-; CBS-1; MSRB; anti-MSRB2 antibody

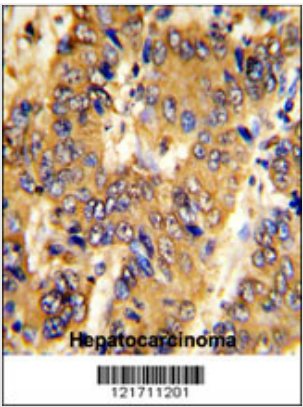
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MSRB2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 44-73 amino acids from the Central region of human MSRB2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	44-73
Sequence Length	182
Applicable Applications for anti-MSRB2 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA, FCM/FACS (Flow Cytometry)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

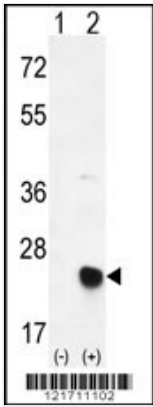
IMAGES



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of ATDC5 cells using MSRB2 Antibody (Center)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human hepatocarcinoma with MSRB2 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of MSRB2 (arrow) using rabbit polyclonal MSRB2 Antibody (Center). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the MSRB2 gene.

ADDITIONAL INFORMATION

Related Product Information for anti-MSRB2 antibody	MSRB2 catalyzes the reduction of free and protein-bound methionine sulfoxide to methionine.
Product Categories/Family for anti-MSRB2 antibody	Metabolism ; Signal Transduction
References	Cabreiro,F., et.al., J. Biol. Chem. 283 (24), 16673-16681 (2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	117606353
NCBI GeneID	22921
NCBI Accession #	NP_036360.3
NCBI GenBank Nucleotide #	NM_012228.3
UniProt Accession #	Q9Y3D2 ; Q17R44 ; Q4G1C7 ; Q9Y5W6
Molecular Weight	19536

NCBI Official Full Name	methionine-R-sulfoxide reductase B2, mitochondrial
NCBI Official Synonym Full Names	methionine sulfoxide reductase B2
NCBI Official Symbol	MSRB2
NCBI Official Synonym Symbols	CBS1; MSRB; PILB; CBS-1; CGI-131
NCBI Protein Information	methionine-R-sulfoxide reductase B2, mitochondrial
UniProt Protein Name	Methionine-R-sulfoxide reductase B2, mitochondrial
UniProt Gene Name	MSRB2
UniProt Synonym Gene Names	CBS-1; MSRB; MsrB2
UniProt Entry Name	MSRB2_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://stage.aaabiotech.com/polyclonal/msrb2-antibody-western-blot-immunohistochemistry-flow-cytometry-elisa/288926>