

Rabbit anti-Human MASP2 Polyclonal Antibody | anti-MASP2 antibody

Anti-MASP2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA125449	Rabbit	Human	Flow Cytometry, Functional Assay, Western Blot

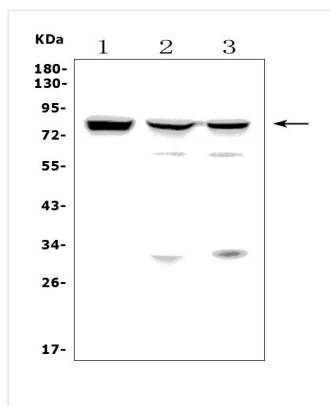
PRODUCT SYNONYMS

MASP2; Polyclonal Antibody; Anti-MASP2 Antibody; Mannan-binding lectin serine protease 2; MBL-associated serine protease 2; Mannose-binding protein-associated serine protease 2; MASP-2; anti-MASP2 antibody

PRODUCT SPECIFICATIONS

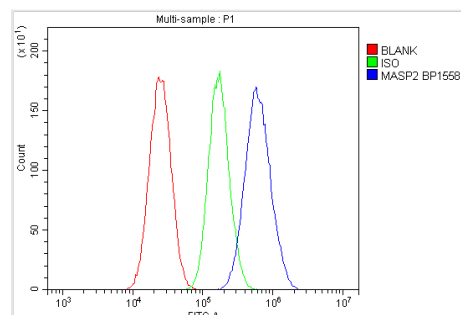
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Sequence Length	686
Applicable Applications for anti-MASP2 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence of human MASP2 (EAGQYGVYTKVINIIPWIENISDF).
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen store at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES

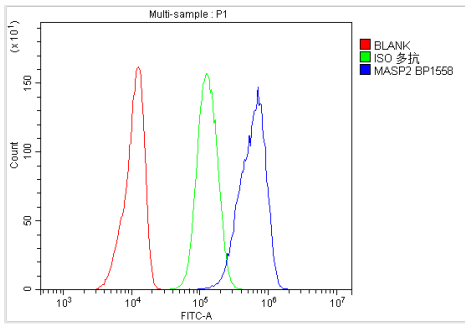


WB (Western Blot)

Figure 1. Western blot analysis of MASP2 using anti-MASP2 antibody.



FCM/FACS (Flow Cytometry)



FCM/FACS (Flow Cytometry)

ADDITIONAL INFORMATION

Related Product Information for anti-MASP2 antibody	Description: Rabbit IgG polyclonal antibody for MASP2 detection. Tested with WB, FCM in Human. Background: Mannan-binding lectin serine protease 2 is a protein that in humans is encoded by the MASP2 gene. This gene is mapped to 1p36.22. This gene encodes a member of the peptidase S1 family of serine proteases. The encoded preproprotein is proteolytically processed to generate A and B chains that heterodimerize to form the mature protease. This protease cleaves complement components C2 and C4 in order to generate C3 convertase in the lectin pathway of the complement system. The encoded protease also plays a role in the coagulation cascade through cleavage of prothrombin to form thrombin. Myocardial infarction and acute stroke patients exhibit reduced serum concentrations of the encoded protein. Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically processed.
References	1. Stover, C. M., Schwaeble, W. J., Lynch, N. J., Thiel, S., Speicher, M. R. Assignment of the gene encoding mannan-binding lectin-associated serine protease 2 (MASP2) to human chromosome 1p36.3-p36.2 by in situ hybridization and somatic cell hybrid analysis. Cytogenet. Cell Genet. 84: 148-149, 1999. 2. Stover, C. M., Thiel, S., Thelen, M., Lynch, N. J., Vorup-Jensen, T., Jensenius, J. C., Schwaeble, W. J. Two constituents of the initiation complex of the mannan-binding lectin activation pathway of complement are encoded by a single structural gene. J. Immun. 162: 3481-3490, 1999. 3. Takahashi, M., Endo, Y., Fujita, T., Matsushita, M. A truncated form of mannose-binding lectin-associated serine protease (MASP)-2 expressed by alternative polyadenylation is a component of the lectin complement pathway. Int. Immun. 11: 859-863, 1999.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21264363
NCBI GeneID	10747
NCBI Accession #	NP_006601.2
NCBI GenBank Nucleotide #	NP_006601.2
UniProt Accession #	O00187
NCBI Official Full Name	mannan-binding lectin serine protease 2 isoform 1 preproprotein
NCBI Official Synonym Full Names	mannan binding lectin serine peptidase 2
NCBI Official Symbol	MASP2
NCBI Official Synonym Symbols	sMAP; MAP19; MASP-2; MASP1P1
NCBI Protein Information	mannan-binding lectin serine protease 2
UniProt Protein Name	Mannan-binding lectin serine protease 2
UniProt Gene Name	MASP2
UniProt Synonym Gene Names	MASP-2
UniProt Entry Name	MASP2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/masp2-antibody-flow-cytometry-western-blot-elisa/125449>