

Rabbit MBL2 Polyclonal Antibody | anti-MBL2 antibody

MBL2 Antibody

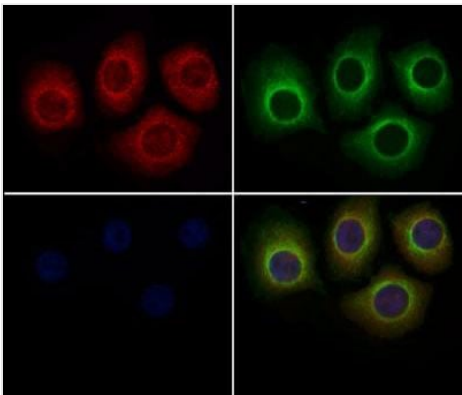
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324817	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

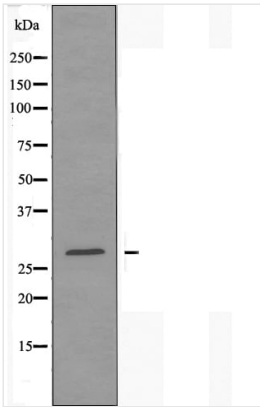
MBL2; Polyclonal Antibody; MBL2 Antibody; COLEC 1; COLEC1; Collectin-1; HSMBPC; Lectin; mannose-binding; soluble; 2; Mannan binding lectin; Mannan binding protein; Mannan-binding protein; Mannose binding lectin (protein C) 2 soluble; Mannose binding lectin (protein C) 2; soluble (opsonic defect); Mannose binding lectin 2 soluble; Mannose binding lectin 2; Mannose binding lectin; Mannose binding lectin protein C2 soluble opsonic defect; Mannose binding protein; Mannose binding protein C; Mannose binding protein C precursor; serum; Mannose-binding lectin; Mannose-binding protein C; MBL 2; MBL; MBL2_HUMAN; MBL2D; MBP 1; MBP; MBP C; MBP-C; MBP1; MBPB; MBPC; MBPD; MGC116832; MGC116833; Opsonic defect; protein C; Soluble mannose binding lectin; anti-MBL2 antibody

PRODUCT SPECIFICATIONS

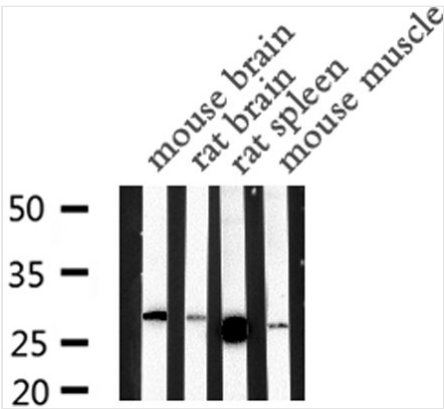
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	MBL2 antibody detects endogenous levels of total MBL2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	248
Applicable Applications for anti-MBL2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human MBL2, corresponding to a region within N-terminal amino acids.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



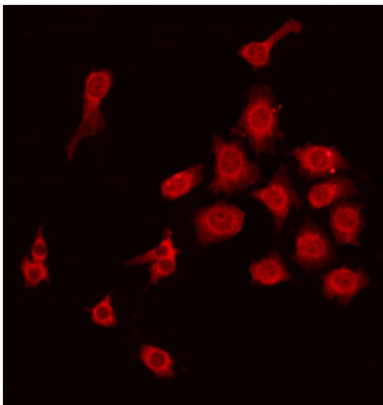
IF (Immunofluorescence)
AAA324817 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA324817 1:200) and mouse anti-beta tubulin Ab(1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from HepG2 cells using MBL2 antibody.



WB (Western Blot)
Western blot analysis of MBL2 expression in various lysates



IF (Immunofluorescence)
AAA324817 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MBL2 antibody	Function: Calcium-dependent lectin involved in innate immune defense. Binds mannose, fucose and N-acetylglucosamine on different microorganisms and activates the lectin complement pathway. Binds to late apoptotic cells, as well as to apoptotic blebs and to necrotic cells, but not to early apoptotic cells, facilitating their uptake by macrophages. May bind DNA.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557739
NCBI GeneID	4153
NCBI Accession #	NP_000233.1
NCBI GenBank Nucleotide #	NM_000242.2
UniProt Accession #	P11226; Q4VB12; Q4VB13; Q4VB14; Q5SQS3; Q86SI4; Q96KE4; Q96TF7; Q96TF8; Q96TF9
Molecular Weight	27 kDa

NCBI Official Full Name	mannose-binding protein C
NCBI Official Synonym Full Names	mannose binding lectin 2
NCBI Official Symbol	MBL2
NCBI Official Synonym Symbols	MBL; MBP; MBP1; MBPD; MBL2D; MBP-C; COLEC1; HSMBPC
NCBI Protein Information	mannose-binding protein C
UniProt Protein Name	Mannose-binding protein C
UniProt Gene Name	MBL2
UniProt Synonym Gene Names	COLEC1; MBL; MBP-C

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://stage.aaabiotech.com/polyclonal/mb12-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324817>