

MBL2 antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI12602

Product Information

Application	WB
Primary Accession	Q66S64
Other Accession	NM_000242 , NP_000233
Reactivity	Human, Rat, Pig, Goat, Horse, Bovine, Sheep
Predicted	Human, Pig, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	26286

Additional Information

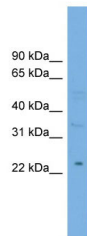
Gene ID	129006636
Alias Symbol	COLEC1, HSMBPC, MBL, MBP, MBP1, MGC116832, MGC116833, MBL2D, MBP-C
Other Names	Mannose-binding protein C, MBP-C, MBP1, Mannan-binding protein, Mannose-binding lectin, MBL2
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-MBL2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	MBL2 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	MBL2
Function	Calcium-dependent lectin, which acts as a pattern recognition receptor that initiates the lectin pathway of the complement system, a cascade of proteins that leads to phagocytosis and breakdown of pathogens and signaling that strengthens the adaptive immune system. Specifically recognizes and binds the mannose moiety of carbohydrates on the pathogen surface, activating the MASP1 serine protease and initiating the proteolytic cascade of the lectin complement pathway.
Cellular Location	Secreted {ECO:0000250 UniProtKB:P11226}. Cell surface

{ECO:0000250|UniProtKB:P11226}. Note=Specifically binds mannose moiety of carbohydrates on the surface of pathogens
{ECO:0000250|UniProtKB:P11226}

Images



WB Suggested Anti-MBL2 Antibody Titration: 0.2-1 µg/ml
Positive Control: Hela cell lysate

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.