

MASP2 rabbit monoclonal antibody

Catalog # H00010747-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human MASP2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human MASP2 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human MASP2 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — MASP2

Entrez GeneID	10747
GeneBank Accession#	MASP2
Gene Name	MASP2
Gene Alias	MAP19, MASP-2, sMAP
Gene Description	mannan-binding lectin serine peptidase 2
Omim ID	605102
Gene Ontology	Hyperlink
Gene Summary	The Ra-reactive factor (RARF) is a complement-dependent bactericidal factor that binds to the R a and R2 polysaccharides expressed by certain enterobacteria. Alternate splicing of this gene results in two transcript variants encoding two RARF components that are involved in the mannan-binding lectin pathway of complement activation. The longer isoform is cleaved into two chains which form a heterodimer linked by a disulfide bond. The encoded proteins are members of the trypsin family of peptidases. [provided by RefSeq]
Other Designations	MBL-associated plasma protein of 19 kD MBL-associated serine protease 2 OTTHUMP00000002174 OTTHUMP000000002175 mannan-binding lectin serine protease 2 small MBL-associated protein

Pathway

- [Complement and coagulation cascades](#)

Disease

- [Atherosclerosis](#)
- [Bacteremia](#)
- [Bacterial Infections](#)
- [Birth Weight](#)
- [Brain Ischemia](#)

- [Calcinosis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Chronic Disease](#)
- [Colorectal Neoplasms](#)
- [Community-Acquired Infections](#)
- [Coronary Artery Disease](#)
- [Crohn Disease](#)
- [Cytomegalovirus Infections](#)
- [Dementia](#)
- [Diabetes Mellitus](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [HIV Infections](#)
- [Leukemia](#)
- [Liver Neoplasms](#)
- [Lymphoma](#)
- [Macular Degeneration](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Pneumococcal Infections](#)
- [Pneumonia](#)

- [Postoperative Complications](#)
- [Rheumatic Fever](#)
- [Rheumatic Heart Disease](#)
- [Severe Acute Respiratory Syndrome](#)
- [Stroke](#)
- [Systemic Inflammatory Response Syndrome](#)