

Rabbit anti-Human Mannose Monoclonal Antibody | anti-MRC1 antibody

Mannose Receptor (CD206) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312397	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Mannose; Monoclonal Antibody; Mannose Receptor (CD206) Antibody; bA541I19.1 antibody; C type lectin domain family 13 member D antibody; C-type lectin domain family 13 member D antibody; CD 206 antibody; CD206 antibody; CD206 antigen antibody; CLEC13D antibody; CLEC13DL antibody; Macrophage mannose receptor 1 antibody; Macrophage mannose receptor 1 like protein 1 antibody; Macrophage mannose receptor antibody; Mannose receptor C type 1 antibody; Mannose receptor C type 1 like 1 antibody; MMR antibody; MRC 1 antibody; MRC1 antibody; MRC1_HUMAN antibody; MRC1L1 antibody; OTTHUMP00000045206 antibody; anti-MRC1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	JF0953
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-MRC1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



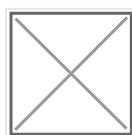
ICC (Immunocytochemistry)

ICC staining Mannose Receptor in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



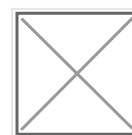
ICC (Immunocytochemistry)

ICC staining Mannose Receptor in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC (Immunocytochemistry)

ICC staining Mannose Receptor in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



WB (Western Blot)

Western blot analysis of Mannose Receptor on different lysates using anti-Mannose Receptor antibody at 1/1, 000 dilution. Positive control: Lane 1: Human lung Lane 2: HepG2 Lane 3: 293T

ADDITIONAL INFORMATION

Related Product Information for anti-MRC1 antibody	CD206, also known as macrophage mannose receptor type C (MMR or MRC1), is a type I membrane receptor protein. It is an phagocytic and endocytic receptor that can recognize carbohydrate ligands in target molecules. The extracellular portion of the protein includes eight C-type carbohydrate recognition domains (CRD) which are clustered together to achieve higher affinity binding to saccharides. CD206 is found on macrophages and on endothelial cells of the liver and is the only known example of a C-type lectin that contains multiple C-type CRDs. CD206 mediates the endocytosis of glycoproteins by macrophages and binds high-mannose structures on the surface of potentially pathogenic viruses, fungi and bacteria enabling them to be neutralized by phagocytic engulfment. During inflammation, CD206 is crucial for rapid clearance of several mannose-bearing serum glycoproteins but does not regulate the initiation of inflammation. CD206 is primarily expressed in mature tissue macrophages and immature dendritic cells, as well as hepatic and lymphatic endothelial cells, retinal pigmental epithelium (RPE) and mesangial cells.
Product Categories/Family for anti-MRC1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505245
NCBI GeneID	4360
NCBI Accession #	NP_002429.1
NCBI GenBank Nucleotide #	NM_002438.3
UniProt Accession #	P22897; Q5VSJ2; Q5VSK2; A5PKW3
Molecular Weight	166,012 Da
NCBI Official Full Name	macrophage mannose receptor 1
NCBI Official Synonym Full Names	mannose receptor, C type 1
NCBI Official Symbol	MRC1
NCBI Official Synonym Symbols	MMR; CD206; MRC1L1; CLEC13D; CLEC13DL; bA541I19.1
NCBI Protein Information	macrophage mannose receptor 1; mannose receptor, C type 1-like 1; C-type lectin domain family 13 member D; macrophage mannose receptor 1-like protein 1
UniProt Protein Name	Macrophage mannose receptor 1
UniProt Gene Name	MRC1
UniProt Synonym Gene Names	CLEC13D; CLEC13DL; MRC1L1; MMR
UniProt Entry Name	MRC1_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.