

Rabbit anti-Mouse, Human Mannose Receptor / CD206 Polyclonal Antibody | anti-CD206 antibody

Anti-Mannose Receptor / CD206 Antibody (aa358-388) IHC-plus

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52636	Rabbit	Mouse, Human	Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

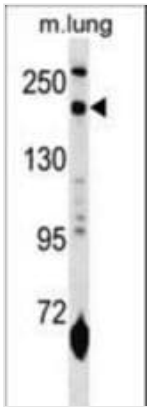
Mannose Receptor / CD206; Polyclonal Antibody; Anti-Mannose Receptor / CD206 Antibody (aa358-388) IHC-plus; Rabbit Polyclonal to Human Mannose Receptor / CD206; Human Mannose Receptor / CD206; MRC1; BA541I19.1; CLEC13D; CD206 antigen; Macrophage mannose receptor 1; Mannose Receptor; Macrophage mannose receptor; MMR; Mannose receptor; C type 1; MRC1L1; CLEC13DL; anti-CD206 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Human
Clonality	Polyclonal
Specificity	This MRC1L1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 359-388 amino acids from the N-terminal region of human MRC1L1.
Purity/Purification	P{rotein A purified
Form/Format	PBS, 0.09% sodium azide
Sequence Length	1456
Applicable Applications for anti-CD206 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	Mannose Receptor / CD206 antibody was raised against Human
Antigen Modification	aa358-388
Target	Mannose Receptor / CD206
Disclaimer	Due to the highly specific nature of antibodies and antigens, we cannot predict or be held responsible with respect to how this antibody will behave in your systems. Researchers using this antibody should conduct optimization studies to achieve the most optimal result possible for their intended application.

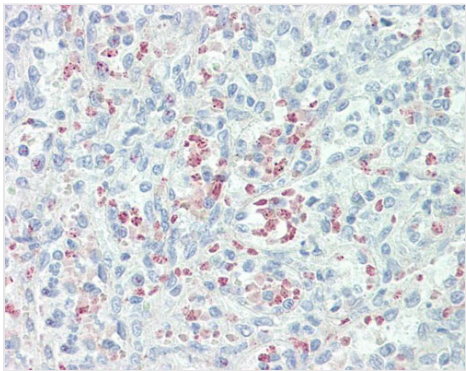
Recommended Immunohistochemistry Protocol	The following protocol is a recommendation only, and AAA Biotech makes no guarantee of the results: Tissue Preparation: Formalin fixation and embedding in paraffin wax. Tissue Sectioning: Make 4-um sections and place on pre-cleaned and charged microscope slides. Heat in a tissue-dryingoven for 45 minutes at 60°C. Deparaffinization: Wash dry slides in 3 changes of xylene - 5 minutes each @ RT Rehydration: Wash slides in 3 changes of 100% alcohol - 3 minutes each @ RT Wash slides in 2 changes of 95% alcohol - 3 minutes each @ RT Wash slides in 1 change of 80% alcohol - 3 minutes @ RT Rinse slides in gentle running distilled water - 5 minutes @ RT Antigen retrieval: Steam slides in 0.01 M sodium citrate buffer, pH 6.0 at 99-100°C - 20 minutes Remove from heat and let stand at room temperature in buffer - 20 minutes Rinse in 1X TBS with Tween (TBST) -1 minute @ RT Immunostaining: (Do not allow tissues to dry at any time during the staining procedure) Apply a universal protein block - 20 minutes @ RT Drain protein block from slides, apply diluted primary antibody - 45 minutes @ RT Rinse slides in 1 X TBST - 1 minute @ RT Apply a biotinylated secondary antibody appropriate for the primary antibody - 30 minutes @ RT Rinse slides in 1X TBST -1 minute @ RT Apply alkaline phosphatase streptavidin - 30 minutes @ RT Rinse slides in 1X TBST -1 minute @ RT Apply alkaline phosphatase chromogen substrate - 30 minutes @ RT Wash slides in distilled water - 1 minute @ RT Dehydrate: (This method should only be used if the chromogen substrate is alcohol insoluble (e.g. Vector Red, DAB) Wash slides in 2 changes of 80% alcohol - 1 minute each @ RT Wash slides in 2 changes of 95% alcohol - 1 minute each @ RT Wash slides in 3 changes of 100% alcohol - 1 minute each @ RT Wash slides in 3 changes of xylene - 1 minute each @ RT Apply coverslip
Preparation and Storage	Maintain refrigerated at 2°C to 8°C for up to 6 months. For long term storage store at -20°C.

IMAGES



WB (Western Blot)

MRC1L1 Antibody western blot of mouse lung tissue lysates (35 ug/lane). The MRC1L1 antibody detected the MRC1L1 protein (arrow).



IHC (Immunohistochemistry)

Anti-Mannose Receptor / CD206 antibody IHC staining of human spleen. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 1:100.

ADDITIONAL INFORMATION

Related Product Information for anti-CD206 antibody

MRC1 Antibody, BA541119.1 Antibody, CLEC13D Antibody, CD206 Antibody, CD206 antigen Antibody, Macrophage mannose receptor 1 Antibody, Mannose Receptor Antibody, Macrophage mannose receptor Antibody, MMR Antibody, Mannose receptor, C type 1 Antibody, MRC1L1 Antibody, CLEC13DL Antibody Description: The recognition of complex carbohydrate structures on glycoproteins is an important part of several biological processes, including cell-cell recognition, serum glycoprotein turnover, and neutralization of pathogens. The protein encoded by this gene is a type I membrane receptor that mediates the endocytosis of glycoproteins by macrophages.

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
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; hMR; CD206; MRC1L1; CLEC13D; CLEC13DL; bA541119.1
NCBI Protein Information	macrophage mannose receptor 1
UniProt Protein Name	Macrophage mannose receptor 1
UniProt Gene Name	MRC1
UniProt Synonym Gene Names	CLEC13D; CLEC13DL; MRC1L1; MMR; hMR
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.