



Product Specification Sheet

CD206 antibody

Cat # MCD20611-A

Rabbit Anti-Mouse Macrophage Mannose receptor (CD206) antibody

SIZE: 100 µg

Mediates the endocytosis of glycoproteins by macrophages. Binds both sulfated and non-sulfated polysaccharide chains. Acts as phagocytic receptor for bacteria, fungi and other pathogens.

Source of Antigen or Antibodies

Uniprot: Q61830

Host: Rabbit

Clonality: Polyclonal

Purification: Ammonium sulfate followed by peptide affinity chromatography

Immunogen: 18 amino acid synthetic peptide derived from the Extracellular region of Mouse CD206 within amino acids 600-700

Species reactivity: Mouse and Rat

Cross reactivity: The peptide used as an immunogen exhibits 100% homology with Human, Monkey, and Horse. 94% Bovine, Dog, Cat, Goat, Sheep, and Pig CD206.

Subcellular Location: Plasma membrane, Endosome membrane

Alternative names: MMR, Macrophage mannose receptor 1, CD206.

Recommended Secondary Antibody: Goat anti-Rabbit IgG-HRP (ADI cat#20320)

Form & Storage of Antibodies

Affinity pure IgG Solution

Concentration: 0.5 mg/ml Volume: 200 µl

Supplied in PBS, pH 7.4 + 0.1% BSA

The antibody can be made available carrier free or conjugated to HRP, Biotin, or FITC on request

Lyophilized powder

Reconstitute powder in 200 µl distilled water to 0.5 mg/ml

Storage:

Short-term: 4°C for 1 month

Long-term: at -20°C or below in suitable aliquots after reconstitution for 1 year. Do not expose to multiple freeze/thaw cycles or store working, diluted solutions. Glycerol may be added to a final concentration of 50% and antibodies can be stored un-aliquoted at -20°C.

Recommended Usage

Immunohistochemistry: 1-10 µg/ml. QC tested using 10 mM sodium citrate pH 6, antigen retrieval buffer. The antibody may work better with no retrieval or different retrieval solutions.

The above concentrations are a *suggestion*, user's must optimize their assay based on their own conditions. The antibody may work in other applications such as Immunofluorescence. These methods have not been tested by ADI.

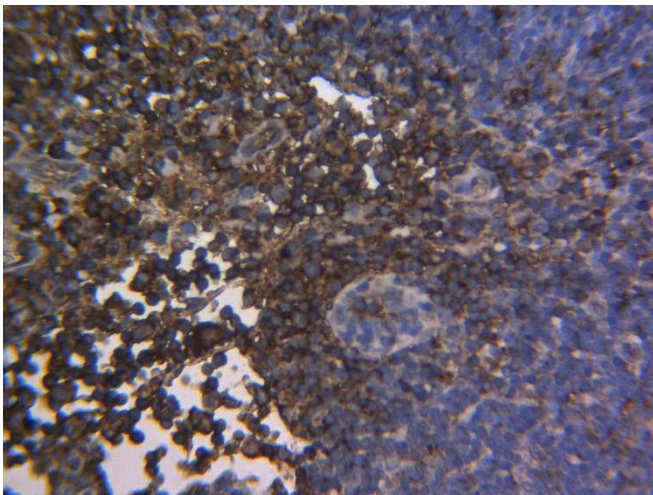
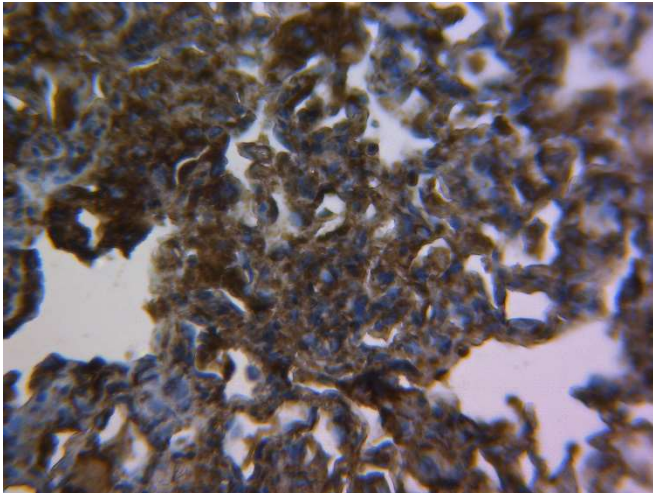
**This product is for In vitro research use only.*

Related materials available from ADI

Catalog#	Description
AB-13610	Rat Monoclonal Anti-Mouse CD11b-FITC
FCGR3A31-R-10	Recombinant (E. coli) Human FcGR3a/CD16a Protein (18-208aa, >95%, his-tag, ~37 kda, non-glycosylated)
FCGR3A351-A	Rabbit Anti-Human FcGR3a/CD16a Protein (48-321aa, 176Phe) IgG, aff pure
FCGR3A352-M	Mouse Monoclonal Anti-Human FcGR3a/CD16a Protein (48-321aa, 176Phe) IgG, aff pure
FCGR3A35-R-25	Recombinant (HEK) Human FcGR3a/CD16a Protein (48-321aa, 176Phe, >95%, his-tag, ~45 kda, low endotoxins)
iNOS24-M	Mouse monoclonal anti-NOS-II/iNOS IgG # 1, aff pure
INOS25-C	Recombinant purified Mouse Inducible Nitric Oxide Synthase (iNOS-II/i-NOS) protein (full length, His-tag) control for Western
INOS25-R-10	Recombinant purified Mouse Inducible Nitric Oxide Synthase (iNOS-II/i-NOS) protein (full length, His-tag)

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Immunohistochemistry: FFPE Mouse lung and Rat Lymph node slides were heated for 20 minutes at 60°C then deparaffinized. Antigen retrieval was performed for 10 minutes at 95°C in a microwave using 10 mM pH 6, sodium citrate buffer. The slide was then cooled for 20 minutes at room temperature before being blocked for 30 minutes with 2.5% normal goat serum. **MC20611-A** was diluted to 5 µg/ml in TBST+0.1% BSA and incubated overnight at 4°C. The slides were then washed twice and incubated with 3% hydrogen peroxide for 10 minutes to quench endogenous peroxidase. The slide was washed then incubated with Goat anti-Rabbit IgG HRP polymer detection reagent for 30 minutes at room temperature. The slide was washed twice, incubated with DAB for 3 minutes, washed with distilled water, then counterstained for 1 minute with Gil's II Hematoxylin before being cover-slipped.