

# Mannose Receptor/CD206 Rabbit pAb

Catalog No.: A25433

## Basic Information

### Observed MW

170-250kDa

### Calculated MW

166kDa

### Category

Primary antibody

### Applications

ELISA, WB, IF/ICC

### Cross-Reactivity

Human, Rat

## Background

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. The protein has been shown to bind high-mannose structures on the surface of potentially pathogenic viruses, bacteria, and fungi so that they can be neutralized by phagocytic engulfment.

## Recommended Dilutions

**WB** 1:500 - 1:1000

**IF/ICC** 1:50 - 1:200

## Immunogen Information

### Gene ID

4360

### Swiss Prot

P22897

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 19-1389 of human Mannose Receptor/CD206 (NP\_002429.1).

### Synonyms

MMR; hMR; CD206; MRC1L1; CLEC13D; CLEC13DL; bA541I19.1

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

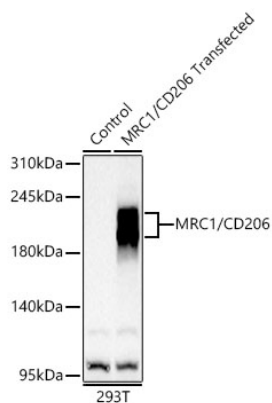
Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

## Validation Data



Western blot analysis of lysates from wild type (WT) and 293T cells transfected with MRC1/CD206 using MRC1/CD206 Rabbit pAb(A25433) at 1:1000 dilution.

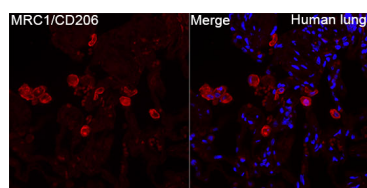
Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L)(AS014) at 1:10000 dilution.

Lysates/proteins: 30 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection:ECL Basic Kit (RM00020).

Exposure time: 60s.



Immunofluorescence analysis of paraffin-embedded Human lung tissue using MRC1/CD206 Rabbit pAb(A25433) at a dilution of 1:50 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.