

**CD206 (PN0065) Nb-FC recombinant antibody**

<b>Catalog No :</b>	YA0176
<b>Reactivity :</b>	Human
<b>Applications :</b>	ELISA
<b>Target :</b>	CD206
<b>Gene Name :</b>	MRC1 CLEC13D CLEC13DL MRC1L1
<b>Protein Name :</b>	Macrophage mannose receptor 1 (MMR) (C-type lectin domain family 13 member D) (C-type lectin domain family 13 member D-like) (Human mannose receptor) (hMR) (Macrophage mannose receptor 1-like protein)
<b>Human Gene Id :</b>	4360
<b>Human Swiss Prot No :</b>	P22897
<b>Immunogen :</b>	Purified recombinant Human CD206
<b>Specificity :</b>	This recombinant monoclonal antibody can detects endogenous levels of CD206 protein.
<b>Formulation :</b>	Phosphate-buffered solution
<b>Source :</b>	Camel, chimeric fusion of Nanobody (VHH) and mouse IgG1 Fc domain , recombinantly produced from 293F cell
<b>Dilution :</b>	ELISA 1:5000-100000
<b>Purification :</b>	Recombinant Expression and Affinity purified
<b>Concentration :</b>	Please check the information on the tube
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Avoid freeze / thaw cycles)
<b>Background :</b>	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.[provided by RefSeq, Sep 2015]

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**Function :**

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.,miscellaneous:CRDs 1-3 have at most very weak affinity for carbohydrate. CRD 4 shows the highest affinity binding and has multispecificity for a variety of monosaccharides. At least 3 CRDs (4, 5, and 7) are required for high affinity binding and endocytosis of multivalent glycoconjugates.,online information:Macrophage mannose receptor,similarity:Contains 1 fibronectin type-II domain.,similarity:Contains 1 ricin B-type lectin domain.,similarity:Contains 8 C-type lectin domains.,

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**Subcellular Location :**

Endosome membrane ; Single-pass type I membrane protein . Cell membrane ; Single-pass type I membrane protein .

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**Expression :**

Milk,Placenta,Testis

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