

CD206 (PN0070) Nb-FC recombinant antibody

Catalog No :	YA0181
Reactivity :	Human
Applications :	ELISA
Target :	CD206
Gene Name :	MRC1 CLEC13D CLEC13DL MRC1L1
Protein Name :	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)
Human Gene Id :	4360
Human Swiss Prot No :	P22897
Immunogen :	Purified recombinant Human CD206
Specificity :	This recombinant monoclonal antibody can detects endogenous levels of CD206 protein.
Formulation :	Phosphate-buffered solution
Source :	Camel, chimeric fusion of Nanobody (VHH) and mouse IgG1 Fc domain , recombinantly produced from 293F cell
Dilution :	ELISA 1:5000-100000
Purification :	Recombinant Expression and Affinity purified
Concentration :	Please check the information on the tube
Storage Stability :	-15°C to -25°C/1 year(Avoid freeze / thaw cycles)
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.[provided by RefSeq, Sep 2015]

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.,

Subcellular Location :

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

Expression :

Milk,Placenta,Testis

Products Images