

For Research Use Only

CD206 Recombinant antibody, PBS Only

Catalog Number: 81525-2-PBS



Basic Information

Catalog Number: 81525-2-PBS	GenBank Accession Number: NM_002438.4	Purification Method: Protein A purification
Concentration: 1 mg/ml	GeneID (NCBI): 4360	CloneNo.: 250381H6
Source: Rabbit	UNIPROT ID: P22897-1	
Isotype: IgG	Full Name: mannose receptor, C type 1	
Immunogen Catalog Number: EG2428	Calculated MW: 166 kDa	
	Observed MW: 210 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

CD206, also named as MMR, CLEC13D and MRC1, is a type I membrane receptor that mediates the endocytosis of glycoproteins by macrophages. CD206 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. CD206 is a transmembrane glycoprotein which contains 5 domains: an amino-terminal cysteine-rich region, a fibronectin type II repeat, a series of eight tandem lectin-like carbohydrate recognition domains (responsible for the recognition of mannose and fucose), a transmembrane domain, and an intracellular carboxy-terminal tail. It is expressed on most tissue macrophages, in vitro derived dendritic cells, lymphatic and sinusoidal endothelial cells.

Storage

Storage:
Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:

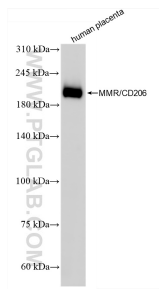
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



human placenta tissue was subjected to SDS PAGE followed by western blot with 81525-2-RR (MMR/CD206 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 81525-2-PBS in a different storage buffer formulation.