

For Research Use Only

CD206 Recombinant antibody

Catalog Number: 83485-1-RR



Basic Information

Catalog Number: 83485-1-RR	GenBank Accession Number: NM_008625.2	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 17533	CloneNo.: 240344B9
Source: Rabbit	UNIPROT ID: Q2HZ94	Recommended Dilutions: WB 1:2000-1:10000
Isotype: IgG	Full Name: mannose receptor, C type 1	
	Calculated MW: 165 kDa	
	Observed MW: 200 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse liver tissue, rat liver tissue, rat lung tissue, mouse spleen tissue
Species Specificity: 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 protein 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 endothelia.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

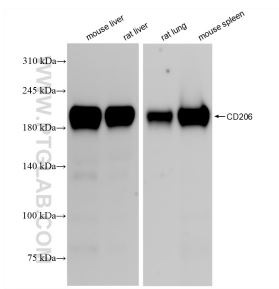
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83485-1-RR (CD206 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.