

For Research Use Only

# CoraLite® Plus 488-conjugated CD206 Recombinant monoclonal antibody

Catalog Number: CL488-83485



## Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL488-83485	NM_008625.2	Protein A purification
Size:	GenID (NCBI):	CloneNo.:
1000 μl, Concentration: 1000 ug/ml by Nanodrop;	17533	240344B9
Source:	UNIPROT ID:	Recommended Dilutions:
Rabbit	Q2HZ94	IF-P: 1:50-1:500
Isotype:	Full Name:	Excitation/Emission maxima
IgG	mannose receptor, C type 1	wavelengths:
Immunogen Catalog Number:	Calculated MW:	493 nm / 522 nm
EG0790	165 kDa	
	Observed MW:	
	200 kDa	

## Applications

Tested Applications:	Positive Controls:
IF-P	IF-P: 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.

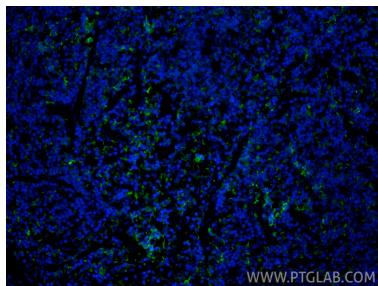
## Storage

**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3  
**Aliquoting is unnecessary for -20°C storage**

For technical support and original validation data for this product please contact:  
T: 1(888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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

## Selected Validation Data



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Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse spleen tissue using Coralite® Plus 488 CD206 antibody (CL488-83485, Clone: 2403.44B9 ) at dilution of 1:200. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).