

For Research Use Only

# CoraLite® Plus 647 Anti-Human CD206 (15-2)



Catalog Number:CL647-65155

## Basic Information

<b>Catalog Number:</b> CL647-65155	<b>GenBank Accession Number:</b> NM_002438	<b>Purification Method:</b> Purified by protein-A affinity chromatography
<b>Size:</b> 100tests , 5 µl/test	<b>GeneID (NCBI):</b> 4360	<b>CloneNo.:</b> 15-2
<b>Source:</b> Mouse	<b>Full Name:</b> mannose receptor, C type 1	
<b>Isotype:</b> IgG1, kappa	<b>Calculated MW:</b> 166 kDa	

## Applications

**Tested Applications:**  
FC

**Species Specificity:**  
Human

## 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 170 kDa 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

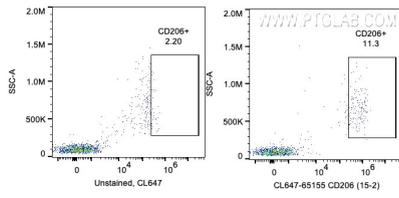
**Storage:**  
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.09% sodium azide and 0.5% BSA.

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



1X10<sup>6</sup> GM-CSF treated human PBMCs (red) or non-treated cells (blue) were surface stained with 5ul CoraLite® Plus 647 Anti-Human CD206 (CL647-65155, Clone:15-2). Cells were not fixed. Monocytes are gated.