MEBEP TECH(HK) Co., Limited
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CoraLite®700 Anti-Human CD206 Rabbit Recombinant Antibody

Product Number: ATB0038

Shipping and 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, pH7.3.

Component

Component	ATB0038-25T	ATB0038-100T
CoraLite®700 Anti-Human CD206 Rabbit Recombinant Antibody	25T	100T

Description

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.

Basic Information

1. Concentration: 100tests, 5μL/test
2. Source:Rabbit
3. Isotype:IgG
4. Immunogen Catalog Number: EG2428
5. GenBank Accession Number: NM_002438.4
6. GeneID (NCBI):4360
7. UNIPROT ID: P22897-1
8. Full Name:mannose receptor, C type 1
9. Calculated MW:166 kDa
10. Purification Method: Protein A purification
11. CloneNo.:250381C1
12. Recommended Dilutions:FC: 5μL per 10^6 cells in a 100μL suspension
13. Excitation/Emission maxima wavelengths:702nm / 723nm.

Application

1. Tested Applications: FC
2. Species Specificity: human
3. Positive Controls: FC: GM-CSF, IL-4 and IL-10 treated human PBMCs

Selected Validation Data

1x10^6 GM-CSF, IL-4 and IL-10 treated human PBMCs were surface stained with 5μL CoraLite®700 Anti-Human CD206 Rabbit RecAb (red) or CoraLite®700 Rabbit IgG Isotype Control Recombinant Antibody (blue). 1x10^6 untreated human PBMCs were surface stained with 5 ul CoraLite®700 Anti-Human CD206 Rabbit RecAb (black, dashed). Cells were not fixed.

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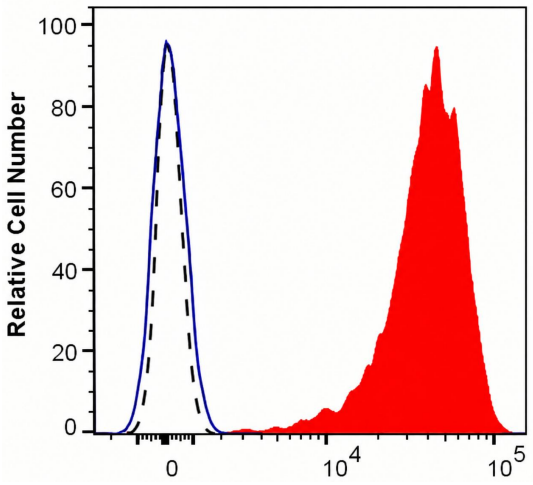
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