abcam

ab326477

APC Anti-CD206 antibody [15-2]

Key facts

Isotype	IgG1
Host species	Mouse
Conjugation	APC
Excitation/Emission	Ex: 650nm, Em: 660nm
Storage buffer	pH: 7.4 Preservative: 0.098% Sodium azide Constituents: PBS, 0.2% BSA
Form	Liquid
Clonality	Monoclonal
Clone number	15-2
Purification technique	Size-exclusion chromatography
Specificity	The mouse monoclonal antibody 15-2 (also known as MR15-2) recognizes an extracellular epitope of CD206 (macrophage mannose receptor, MMR), a 162-175 kDa type I transmembrane protein expressed mainly on macrophages, dendritic cells and hepatic or lymphatic endothelial cells, but not on monocytes.
Light chain type	kappa
Purification notes	Purified antibody is conjugated with activated allophycocyanin (APC) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.

Reactivity data

Flow Cyt

Tested

Species	Human
Dilution info	-
Notes	Flow cytometry: The reagent is designed for analysis of human blood cells using 10 µl reagent / 100 µl of whole blood or 10^6 cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.

Target data

See full target information MRC1

Function	Mediates the endocytosis of glycoproteins by macrophages. Binds both sulfated and non-sulfated polysaccharide chains. (Microbial infection) Acts as a phagocytic receptor for bacteria, fungi and other pathogens. (Microbial infection) Acts as a receptor for Dengue virus envelope protein E. (Microbial infection) Interacts with Hepatitis B virus envelope protein.

Storage

Shipped at conditions	Ambient - Can Ship with Ice
Appropriate short-term storage conditions	+4°C
Appropriate long-term storage conditions	+4°C
Storage information	Do Not Freeze, Store in the dark

Product promise

Tested

We have tested this species and application combination and it works. It is covered by our product promise.

Expected

We have not tested this specific species and application combination in-house, but expect it will work. It is covered by our product promise.

Predicted

This species and application combination has not been tested, but we predict it will work based on strong homology. However, this combination is not covered by our product promise.

Not recommended

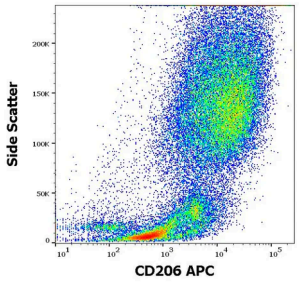
We do not recommend this combination. It is not covered by our product promise.

We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

In the unlikely event of one of our products not working as expected, you are covered by our product promise.

Full details and terms and conditions can be found here:
Terms & Conditions.

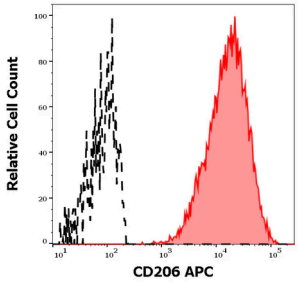
3 product images



Flow Cytometry - APC Anti-CD206 antibody [15-2] (ab326477)

CD206 Flow Cytometry staining of human stimulated (GM-CSF + IL-4) peripheral blood mononuclear cells using mouse Anti-CD206 antibody

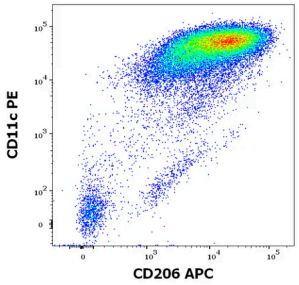
Flow cytometry surface staining pattern of human stimulated (GM-CSF + IL-4) peripheral blood mononuclear cells stained using ab326477 (10 µl reagent per million cells in 100 µl of cell suspension).



Flow Cytometry - APC Anti-CD206 antibody [15-2] (ab326477)

CD206 Flow Cytometry staining of human stimulated (GM-CSF + IL-4) peripheral blood mononuclear cells using mouse Anti-CD206 antibody

Separation of human CD206 positive CD11c positive dendritic cells differentiated upon monocyte stimulation (GM-CSF + IL-4) (red-filled) from non-stimulated lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of human stimulated (GM-CSF + IL-4) peripheral blood mononuclear cells stained using ab326477 (10 µl reagent per million cells in 100 µl of cell suspension).



Flow Cytometry - APC Anti-CD206 antibody [15-2] (ab326477)

CD206 Flow Cytometry staining of human stimulated (GM-CSF + IL-4) peripheral blood mononuclear cells using mouse Anti-CD206 antibody

Flow cytometry multicolor surface staining pattern of human stimulated (GM-CSF + IL-4) peripheral blood mononuclear cells stained using ab326477 (10 µl reagent per million cells in 100 µl of cell suspension) and anti-human CD11c (BU15) PE antibody (20 µl reagent per million cells in 100 µl of cell suspension).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.