

## ARG41947 anti-CD206 / MMR antibody [15-2] (APC)

Package: 50 tests

Store at: 4°C

### Summary

Product Description	APC-conjugated Mouse Monoclonal antibody [15-2] recognizes CD206 / MMR
Tested Reactivity	Hu
Tested Application	FACS
Host	Mouse
Clonality	Monoclonal
Clone	15-2
Isotype	IgG1, kappa
Target Name	CD206 / MMR
Species	Human
Immunogen	Purified Human CD206 / MMR.
Conjugation	APC
Alternate Names	CLEC13D; C-type lectin domain family 13 member D; Macrophage mannose receptor 1-like protein 1; C-type lectin domain family 13 member D-like; MMR; CLEC13DL; CD206; Macrophage mannose receptor 1; bA541I19.1; CD antigen CD206; MRC1L1

### Application Instructions

Application table	<table><thead><tr><th>Application</th><th>Dilution</th></tr></thead><tbody><tr><td>FACS</td><td>10 µl / 100 µl of whole blood or 10<sup>6</sup> cells</td></tr></tbody></table>	Application	Dilution	FACS	10 µl / 100 µl of whole blood or 10 <sup>6</sup> cells
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FACS	10 µl / 100 µl of whole blood or 10 <sup>6</sup> cells				
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.				

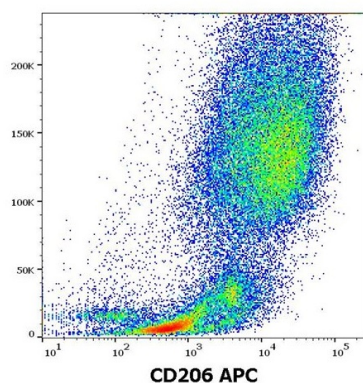
### Properties

Form	Liquid
Purification	Purified
Buffer	PBS and 15 mM Sodium azide.
Preservative	15 mM Sodium azide
Storage instruction	Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

### Bioinformation

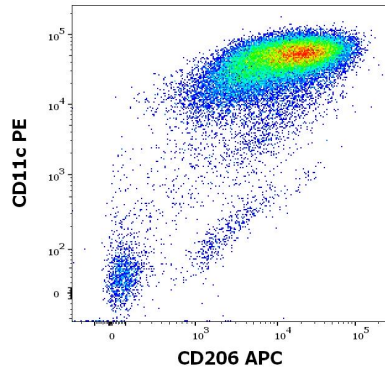
Gene Symbol	MRC1
Gene Full Name	mannose receptor, C type 1
Background	The recognition of complex carbohydrate structures on glycoproteins is an important part of several biological processes, including cell-cell recognition, serum glycoprotein turnover, and neutralization of pathogens. CD206 / MMR is a type I membrane receptor that mediates the endocytosis of glycoproteins by macrophages. The protein 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. [provided by RefSeq, Sep 2015]
Function	CD206 / MMR mediates the endocytosis of glycoproteins by macrophages. Binds both sulfated and non-sulfated polysaccharide chains.  (Microbial infection) Acts as 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. [UniProt]
Highlight	Related products: <a href="#">CD206 antibodies</a> ; <a href="#">CD206 ELISA Kits</a> ; <a href="#">CD206 Duos / Panels</a> ; <a href="#">Anti-Mouse IgG secondary antibodies</a> ; Related news: <a href="#">New antibody panels and duos for Tumor immune microenvironment</a> <a href="#">Tumor-Infiltrating Lymphocytes (TILs)</a> <a href="#">Anti-SerpinB9 therapy, a new strategy for cancer therapy</a> <a href="#">RIP1 activation and pathogenesis of NASH</a>
Research Area	Immune System antibody; M1/M2/TAM Marker antibody; Macrophage Marker antibody; M2 Macrophage Marker antibody
Calculated Mw	166 kDa
Cellular Localization	Endosome membrane; Single-pass type I membrane protein. Cell membrane; Single-pass type I membrane protein. [UniProt]

## Images



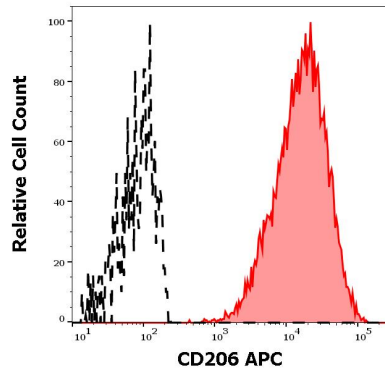
ARG41947 anti-CD206 / MMR antibody [15-2] (APC) FACS image

Flow Cytometry: Stimulated Human monocytes (GM-CSF + IL4) stained with ARG41947 anti-CD206 / MMR antibody [15-2] (APC) at 10  $\mu$ l / 10<sup>6</sup> cells in 100  $\mu$ l of cell suspension.



ARG41947 anti-CD206 / MMR antibody [15-2] (APC) FACS image

Flow Cytometry: Stimulated Human monocytes (GM-CSF + IL4) stained with ARG41947 anti-CD206 / MMR antibody [15-2] (APC) at 10  $\mu$ l /  $10^6$  cells in 100  $\mu$ l of cell suspension and [ARG53762](#) anti-CD11c antibody [BU15] (PE) at 20  $\mu$ l /  $10^6$  cells in 100  $\mu$ l of cell suspension.



ARG41947 anti-CD206 / MMR antibody [15-2] (APC) FACS image

Flow Cytometry: Separation of Human CD206 positive CD11c positive dendritic cells differentiated upon monocyte stimulation (GM-CSF + IL4) (red-filled) from non-stimulated lymphocytes (black-dashed). Cells were stained with ARG41947 anti-CD206 / MMR antibody [15-2] (APC) at 10  $\mu$ l / 100  $\mu$ l of peripheral whole blood.