

CD206 (MMR) Monoclonal Antibody (19.2), Alexa Fluor™ 488, eBioscience™

Product Details	
Size	100 Tests
Species Reactivity	Human
Published Species	Human
Host/Isotype	Mouse / IgG1, kappa
Recommended Isotype Control	Mouse IgG1 kappa Isotype Control (P3.6.2.8.1), Alexa Fluor™ 488, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	19.2
Conjugate	Alexa Fluor™ 488
Form	Liquid
Concentration	5 µL/Test
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with 0.1% gelatin, 0.2% BSA
Contains	0.09% sodium azide
Storage conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_2574416

Applications	Tested Dilution	Publications
Immunohistochemistry (IHC)	-	1 Publication
Immunocytochemistry (ICC/IF)	-	2 Publications
Flow Cytometry (Flow)	5 µL (0.125 µg)/test	8 Publications
Miscellaneous PubMed (Misc)	-	1 Publication

Product Specific Information

Description: This 19.2 monoclonal antibody reacts with human CD206, which is also known as the macrophage mannose receptor (MMR). CD206 is expressed on macrophages and dendritic cells. This type I transmembrane protein can also be detected on non-immune cells, including hepatic and lymphatic epithelia and kidney mesangial cells. CD206 binds to glycoproteins that terminate in D-mannose, L-fucose, or N-acetylglucosamine, as well as a variety of hormones. This receptor undergoes constitutive internalization and recycling between the plasma membrane and the endosomal compartment. CD206 is involved in antigen processing and presentation, cell migration, and intracellular signaling. Moreover, CD206 plays a key role in phagocytosis pathogens such as *Candida albicans*, *Leishmania*, and *Mycobacterium tuberculosis*.

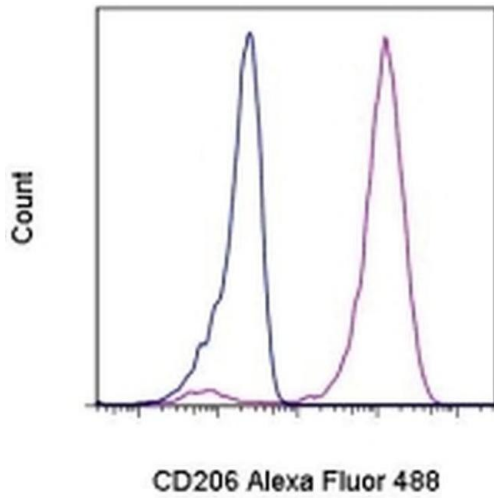
Applications Reported: This 19.2 antibody has been reported for use in flow cytometric analysis.

Applications Tested: This 19.2 antibody has been pre-titrated and tested by flow cytometric analysis of culture normal human peripheral blood cells. This can be used at 5 µL (0.125 µg) per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10⁵ to 10⁸ cells/test.

Excitation: 488 nm; Emission: 519 nm; Laser: Blue Laser.

Filtration: 0.2 µm post-manufacturing filtered.

Product Images For CD206 (MMR) Monoclonal Antibody (19.2), Alexa Fluor™ 488, eBioscience™



CD206 (MMR) Antibody (53-2069-42) in Flow

Staining of 3-day GM-CSF-treated human peripheral blood monocytes with Mouse IgG1 K Isotype Control Alexa Fluor® 488 (Product # 53-4714-42) (blue histogram) or Anti-Human CD206 (MMR) Alexa Fluor® 488 (purple histogram). Total viable cells, as determined by Fixable Viability Dye eFluor® 450, were used for analysis.

[View more figures on thermofisher.com](https://www.thermofisher.com)

12 References

Immunohistochemistry (1)

Journal of cellular and molecular medicine

Helicobacter pylori-induced exosomal MET educates tumour-associated macrophages to promote gastric cancer progression.

"Published figure using CD206 (MMR) monoclonal antibody (Product # 53-2069-42) in Immunohistochemistry"

Authors: Che Y, Geng B, Xu Y, Miao X, Chen L, Mu X, Pan J, Zhang C, Zhao T, Wang C, Li X, Wen H, Liu Z, You Q

Species
Not Applicable

Dilution
Not Cited

Year
2018

Immunocytochemistry (2)

Oncoimmunology

The role of irreversible electroporation in promoting M1 macrophage polarization via regulating the HMGB1-RAGE-MAPK axis in pancreatic cancer.

"Published figure using CD206 (MMR) monoclonal antibody (Product # 53-2069-42) in Immunocytochemistry"

Authors: He C, Sun S, Zhang Y, Xie F, Li S

Species
Not Applicable

Dilution
Not Cited

Year
2021

Journal of cellular and molecular medicine

Helicobacter pylori-induced exosomal MET educates tumour-associated macrophages to promote gastric cancer progression.

"Published figure using CD206 (MMR) monoclonal antibody (Product # 53-2069-42) in Immunohistochemistry"

Authors: Che Y, Geng B, Xu Y, Miao X, Chen L, Mu X, Pan J, Zhang C, Zhao T, Wang C, Li X, Wen H, Liu Z, You Q

Species
Not Applicable

Dilution
Not Cited

Year
2018

Flow Cytometry (8)

Frontiers in pharmacology

Ginsenoside Rg3 Mitigates Atherosclerosis Progression in Diabetic apoE-/- Mice by Skewing Macrophages to the M2 Phenotype.

"Published figure using CD206 (MMR) monoclonal antibody (Product # 53-2069-42) in Flow Cytometry"

Authors: Guo M, Xiao J, Sheng X, Zhang X, Tie Y, Wang L, Zhao L, Ji X

Species
Not Applicable

Dilution
Not Cited

Year
2020

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More applications with references on thermofisher.com

Misc (1)

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