

CD208 (DC-LAMP) Monoclonal Antibody (31B), APC, eBioscience™

Product Details

Size	25 Tests
Species Reactivity	Human
Published Species	Human
Host/Isotope	Mouse / IgG2a, kappa
Recommended Isotype Control	Mouse IgG2a kappa Isotype Control (eBM2a), APC, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	31B
Conjugate	APC
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_11044500

Applications	Tested	Dilution	Published
Flow Cytometry (Flow)	✓	5 µL (0.5 µg)/test	1 Publication

Product Specific Information

Description: This 31B monoclonal antibody reacts with human CD208, which is also known as dendritic cell lysosome-associated membrane glycoprotein (DC-LAMP). CD208 is expressed almost exclusively by mature dendritic cells. Expression of this molecule can be induced in monocytes by stimulation with GM-CSF and IL-4. Moreover, CD208 can be upregulated in CD34+-derived dendritic cells by GM-CSF, SCF, and TNFα. CD208 is also expressed in dendritic cells of non-lymphoid tissues such as skin. While CD208 can be detected on the cell surface, this protein is mainly localized within lysosomes. CD208 plays a key role in the processing and presentation of antigen during the immune response.

The 31B antibody only recognizes intracellular CD208, not the cell surface-expressed protein.

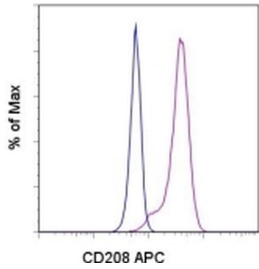
Applications Reported: This 31B antibody has been reported for use in intracellular staining followed by flow cytometric analysis.

Applications Tested: This 31B antibody has been pre-titrated and tested by flow cytometric analysis of in vitro differentiated mature dendritic cells. This can be used at 5 µL (0.5 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: 633-647 nm; Emission: 660 nm; Laser: Red Laser.

Filtration: 0.2 µm post-manufacturing filtered.

Product Images For CD208 (DC-LAMP) Monoclonal Antibody (31B), APC, eBioscience™



CD208 (DC-LAMP) Antibody (17-2089-41) in Flow

In vitro differentiated human mature dendritic cells (7-day) were fixed and permeabilized and then stained with Mouse IgG2a K Isotype Control APC (Product # 17-4724-81) (blue histogram) or Anti-Human CD208 (DC-LAMP) APC (purple histogram). Total viable cells were used for analysis.

1 Reference

Flow Cytometry (1)

Blood

Robust isolation of malignant plasma cells in multiple myeloma.

"17-2089 was used in Flow cytometry/Cell sorting to improve procedures for characterizing cases of multiple myeloma in clinical practice."

Authors: Frigyesi I, Adolfsson J, Ali M, Christophersen MK, Johnsson E, Turesson I, Gullberg U, Hansson M, Nilsson B

Species
Human

Dilution
Not Cited

Year
2014

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