

CD89 Recombinant Mouse mAb

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Catalog # AP94315

Product Information

Application	IF, ICC
Host	Rabbit
Clonality	Recombinant
Physical State	Liquid
Isotype	IgG1, Kappa
Purity	affinity purified by Protein G
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Isoform A.1: Cell membrane; Single-pass type I membrane protein. Isoform A.2: Cell membrane; Single-pass type I membrane protein. Isoform A.3: Cell membrane; Single-pass type I membrane protein. Isoform B: Secreted. Isoform B-delta-S2: Secreted.
SIMILARITY	Contains 2 Ig-like C2-type (immunoglobulin-like) domains.
SUBUNIT	Associates with the Fc epsilon RI gamma 2 receptor inducing tyrosine phosphorylation of gamma 2.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Binds to the Fc region of immunoglobulins alpha. Mediates several functions including cytokine production. Tissue specificity; Isoform A.1, isoform A.2 and isoform A.3 are differentially expressed between blood and mucosal myeloid cells. Isoform A.1, isoform A.2 and isoform A.3 are expressed in monocytes. Isoform A.1 and isoform A.2 are expressed in alveolar macrophages; however only one isoform is expressed at alveolar macrophages surfaces.

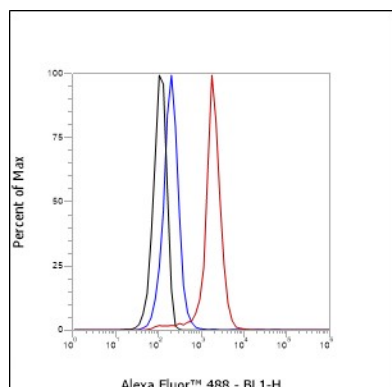
Additional Information

Target/Specificity	Isoform A.1, isoform A.2 and isoform A.3 are differentially expressed between blood and mucosal myeloid cells. Isoform A.1, isoform A.2 and isoform A.3 are expressed in monocytes. Isoform A.1 and isoform A.2 are expressed in alveolar macrophages; however only one isoform is expressed at alveolar macrophages surfaces.
Dilution	ICC/IF=1:50, Flow-Cyt=1:50-1:100
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

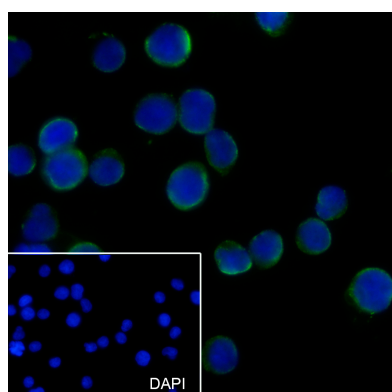
Background

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Images



Specimen: PBMC Fixative: Unfixed Permeabilization: None Primary Ab dilution: 1:100 Secondary Ab: Goat anti Mouse IgG Unlabelled control: The cell without incubation with primary antibody and secondary antibody (Black line). Isotype control: Mouse monoclonal IgG1 (Blue line). Comment: Line red is the positive signal for AP94315



Cell line: Jurkat Fixative: 4% Paraformaldehyde Permeabilization: 0.1% Triton X-100 Primary Ab dilution: 1:50 Primary incubation condition: 4°C overnight Secondary Ab: Goat Anti-Mouse IgG Nuclear counter stain: DAPI (Blue) Comment: Color green is the positive signal for AP94315

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