

Mouse CD205 Monoclonal Antibody | anti-CD205 antibody

CD205 antibody (biotin)

CATALOG # AAA106658	HOST Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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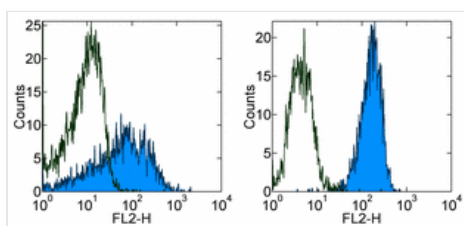
PRODUCT SYNONYMS

CD205; Monoclonal Antibody; CD205 antibody (biotin); Monoclonal CD205; Anti-CD205; DEC-205; CD-205; CD 205; DEC205; anti-CD205 antibody

PRODUCT SPECIFICATIONS

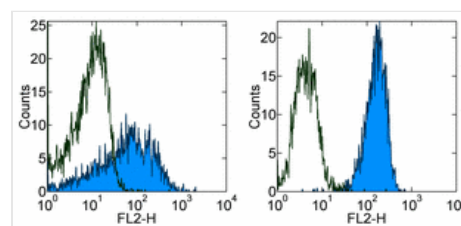
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b kappa
Clone Number	MG38
Specificity	Human
Form/Format	Supplied in aqueous buffer with 0.09% sodium azide, may contain carrier protein/stabilizer.
Concentration	500 ug/ml (varies by lot)
Applicable Applications for anti-CD205 antibody	FCM/FACS (Flow Cytometry)
Biological Significance	The MG38 monoclonal antibody reacts with human CD205, also known as DEC-205, an integral membrane protein homologous to the macrophage mannose receptor. CD205 is an endocytic dendritic receptor that mediates efficient processing and presentation of antigens on MHC class II productions in vivo. CD205 is highly expressed by dendritic cells within the T cell areas of lymphoid tissues, particularly on CD8 DCs that are believed to play a role in cross-priming. Expression of CD205 is detected with this antibody at high intensity on in vitro derived mature human DCs and at intermediate intensity on immature human DCs. All leukocytes from peripheral blood show a degree of staining with this mAb that can be minimized by using very low concentrations of MG38.
Tag/Conjugate	Biotin
Preparation and Storage	Store at 2-8 degree C. Do not freeze. Protect from light.

IMAGES



FCM/FACS (Flow Cytometry)

Flow Cytometric analysis using CD205 antibody staining of human peripheral blood lymphocytes (left) and mature dendritic cells (right) with 0.015 ug of Mouse IgG2b kappa Isotype Control (biotin) (open histogram) or 0.015 ug of CD205 antibody (biotin) (filled histogram) followed by Streptavidin (PE). Total viable cells were used for analysis.



FCM/FACS (Flow Cytometry)

Flow Cytometric analysis using CD205 antibody staining of human peripheral blood lymphocytes (left) and mature dendritic cells (right) with 0.015 ug of Mouse IgG2b kappa Isotype Control (biotin) (open histogram) or 0.015 ug of CD205 antibody (biotin) (filled histogram) followed by Streptavidin (PE). Total viable cells were used for analysis.

ADDITIONAL INFORMATION

Related Product Information for anti-CD205 antibody	Mouse monoclonal CD205 antibody (biotin)
Product Categories/Family for anti-CD205 antibody	Immunology; Conjugated Monoclonal Antibodies

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd205-antibody-clone-mg38-flow-cytometry-elisa/106658>