

CD205 Monoclonal Antibody (205yekta), Biotin, eBioscience™

Product Details	
Size	100 µg
Species Reactivity	Mouse
Host/Isotype	Rat / IgG2a, kappa
Recommended Isotype Control	Rat IgG2a kappa Isotype Control (eBR2a), Biotin, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	205yekta
Conjugate	Biotin
Form	Liquid
Concentration	0.5 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2
Contains	0.09% sodium azide
Storage conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_1210594

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	0.015 µg/test	-

Product Specific Information

Description: The 205yekta antibody reacts with mouse CD205, also known as DEC-205 (dendritic and epithelial cells, 205 kDa). CD205 is an integral membrane glycoprotein involved in antigen uptake, trafficking and presentation that improves the induction of antigen-specific T cell immunity. CD205 is highly expressed by CD8+ dendritic cells (DCs) and also expressed at different levels by bone marrow Gr1+ cells, Langerhans cells, (BMDC) bone marrow derived DCs and thymic epithelial cells.

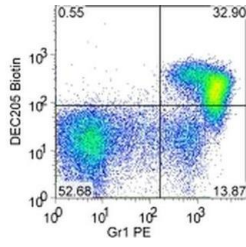
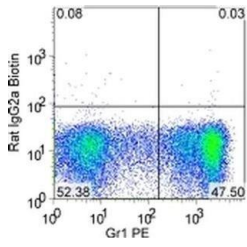
CD205 has been shown to bind to PE-Cy5.5 antibody and streptavidin conjugates; therefore, this format should not be used on CD205+ dendritic cells.

Applications Reported: This 205yekta antibody has been reported for use in flow cytometric analysis.

Applications Tested: This 205yekta antibody has been tested by flow cytometric analysis of mouse bone marrow cells. This can be used at less than or equal to 0.015 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. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

Filtration: 0.2 µm post-manufacturing filtered.

Product Images For CD205 Monoclonal Antibody (205yekta), Biotin, eBioscience™



CD205 Antibody (13-2051-82) in Flow

Mouse bone marrow cells were stained with 0.015 µg of Rat IgG2a K Isotype Control Biotin (Product # 13-4321-82) (left panel) or 0.015 µg of Anti-Mouse CD205 Biotin (Product # 13-2051-82) (right panel) followed by Streptavidin APC (Product # 17-4314-82) and subsequently with Anti-Mouse Ly-6G (Gr-1) PE (Product # 12-5931-82).

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