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12-9517: Anti-CD205 antibody(1D4), IgG1 Chimeric mAb

Clonality: Monoclonal

Clone Name: 1D4
Application: FACS
Reactivity: Human
Uniprot ID: 060449

Alternative Name: LY75;CLEC13B;DEC-205;GP200-MR6;LY-75

Isotype: Rabbit/Human Fc chimeric IgG1

Description

Description: Anti-CD205 antibody(1D4), IgG1 Chimeric mAb

Acts as an endocytic receptor to direct captured antigens from the extracellular space to a specialized antigen-processing compartment (By similarity). Causes reduced proliferation of B-lymphocytes.[UniProtKB/Swiss-Prot Function]

Product Info

Amount : $10 \mu g / 100 \mu g$

Purification : Purified from cell culture supernatant by affinity chromatography

Content: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before

lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended

Storage condition : for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).

Lyophilized proteins are shipped at ambient temperature.

Application Note

FACS 1/100

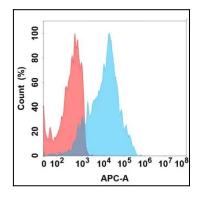


Figure 1. Flow cytometry analysis with $1\hat{1}^{1}/4$ g/mL Anti-CD205 (1D4) mAb on Expi293 cells transfected with human CD205 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).



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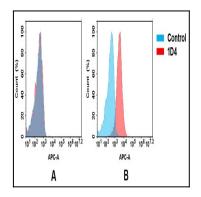


Figure 2. Flow cytometry analysis of antigen binding of anti-human CD205 mAb. (A) Anti-human CD205 does not bind to Jurkat cells that do not express CD205. (B) A clear peak shift of anti-human CD205 was seen compared to the control when incubated with CD205-expressing Raji cells, indicating strong binding of anti-human CD205 to CD205. Antibodies were incubated at 5 $\hat{1}\frac{1}{2}$ g/mL.