

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

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	1D4
<b>Application :</b>	FACS
<b>Reactivity :</b>	Human
<b>Uniprot ID :</b>	O60449
<b>Alternative Name :</b>	LY75;CLEC13B;DEC-205;GP200-MR6;LY-75
<b>Isotype :</b>	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

<b>Amount :</b>	10 µg / 100 µg
<b>Purification :</b>	Purified from cell culture supernatant by affinity chromatography
<b>Content :</b>	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.
<b>Storage condition :</b>	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended 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

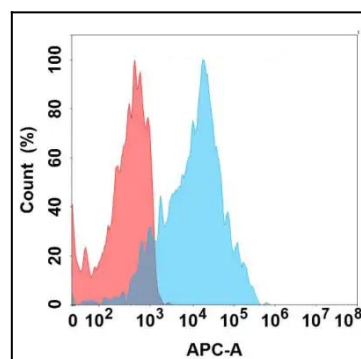


Figure 1. Flow cytometry analysis with 1<sup>1</sup>/<sub>4</sub>µg/mL Anti-CD205 (1D4) mAb on Expi293 cells transfected with human CD205 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

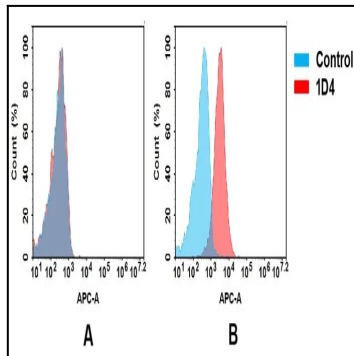


Figure 2. Flow cytometry analysis of antigen binding of anti-human CD205 mAb. (A) Anti-human CD205 does not bind to Jurkat cells that do not express CD205. (B) A clear peak shift of anti-human CD205 was seen compared to the control when incubated with CD205-expressing Raji cells, indicating strong binding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