

**PRODUCT INFORMATION**

<b>Clone ID</b>	1D4
<b>Target</b>	CD205
<b>Synonyms</b>	LY75;CLEC13B;DEC-205;GP200-MR6;LY-75
<b>Host Species</b>	Rabbit
<b>Description</b>	Anti-CD205 antibody(1D4), IgG1 Chimeric mAb
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	O60449
<b>IgG type</b>	Rabbit/Human Fc chimeric IgG1
<b>Clonality</b>	Monoclonal
<b>Reactivity</b>	Human
<b>Applications</b>	Flow Cyt
<b>Recommended Dilutions</b>	Flow Cyt 1/100
<b>Purification</b>	Purified from cell culture supernatant by affinity chromatography
<b>Formulation &amp; Reconstitution</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. 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.
<b>Storage &amp; Shipping</b>	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]
<b>Background</b>	
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated

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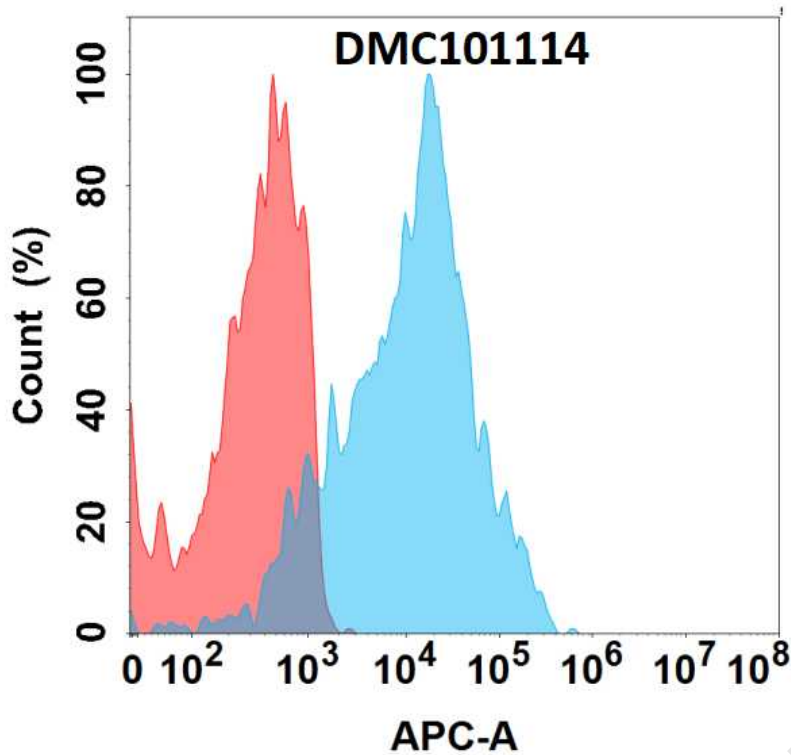


Figure 1. Flow cytometry analysis with 1 $\mu$ g/mL Anti-CD205 (1D4) mAb on Expi293 cells transfected with human CD205 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

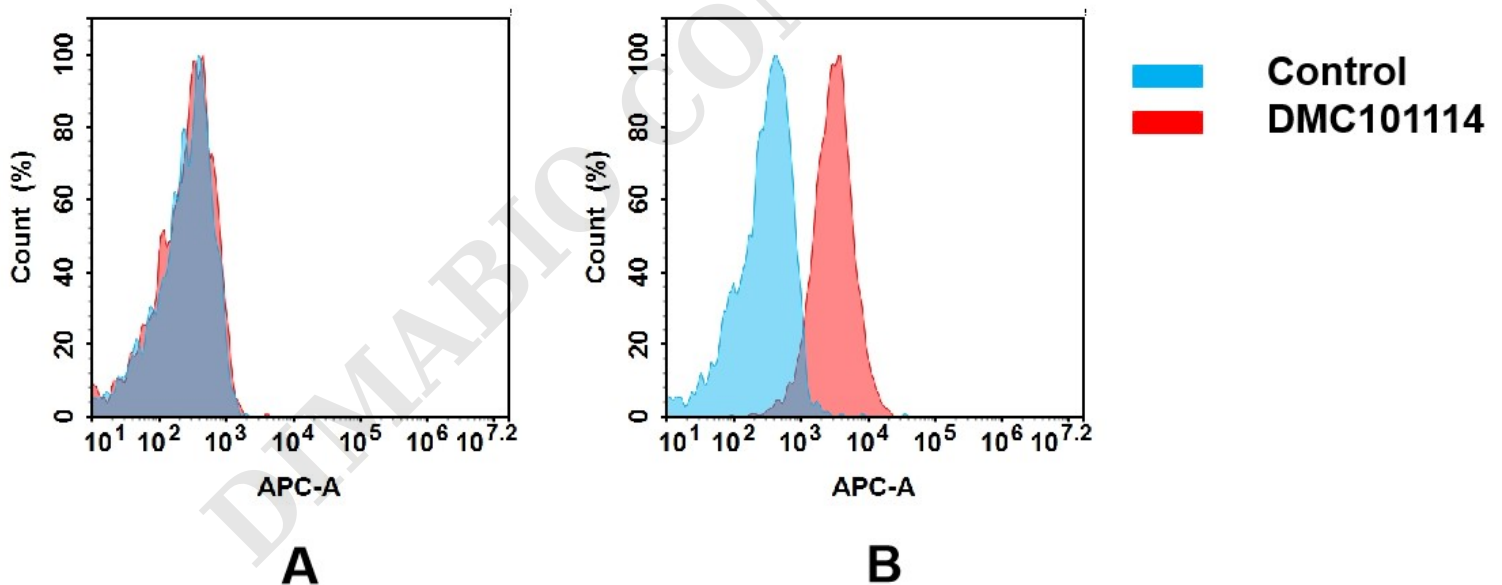


Figure 2. Flow cytometry analysis of antigen binding of anti-human CD205 mAb(DMC101114).

(A) DMC101114 does not bind to Jurkat cells that do not express CD205.

(B) A clear peak shift of DMC101114 was seen compared to the control when incubated with CD205-expressing Raji cells, indicating strong binding of DMC101114 to CD205. Antibodies were incubated at 5  $\mu$ g/mL.

