

PRODUCT INFORMATION

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



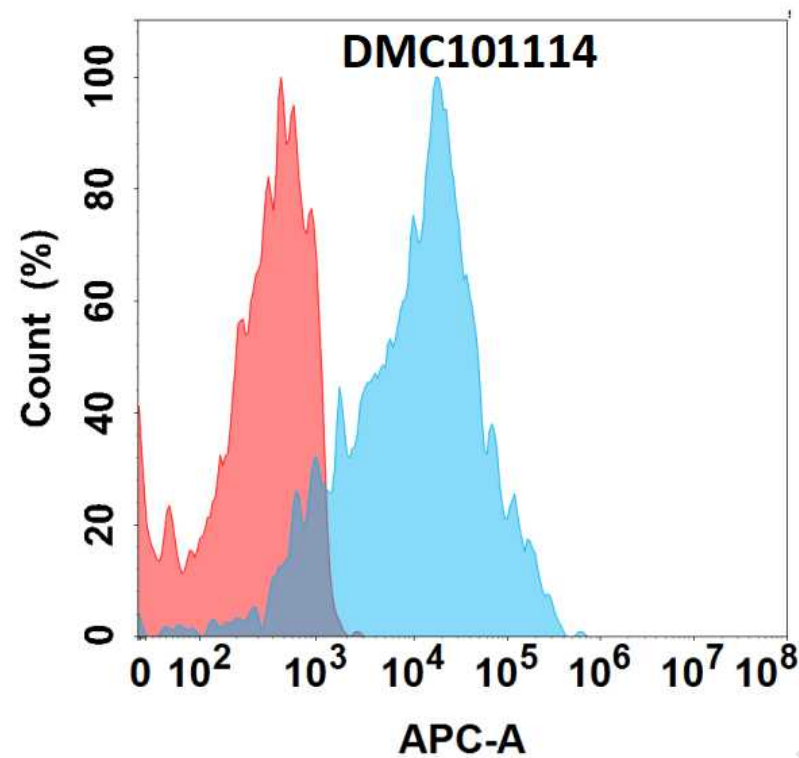


Figure 1. Flow cytometry analysis with 1µg/mL Anti-CD205 (1D4) mAb on Expi293 cells transfected with human CD205 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

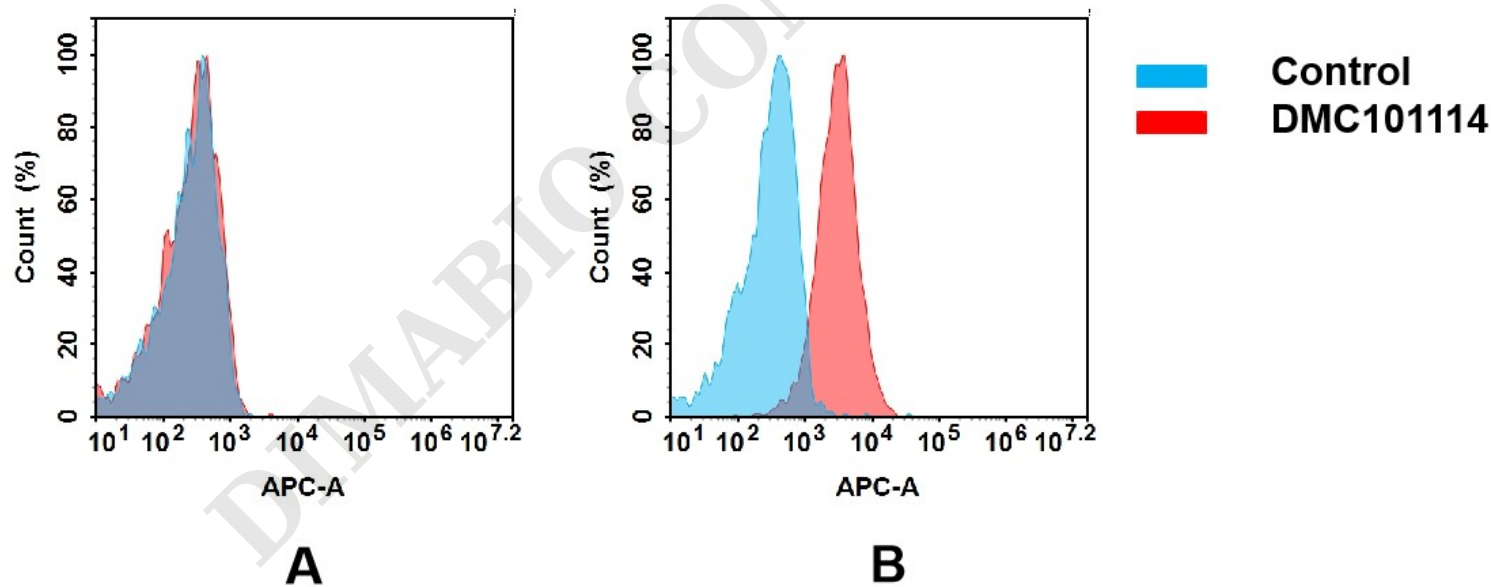


Figure 2. Flow cytometry analysis of antigen binding of anti-human CD205 mAb(DMC101114).

(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 µg/mL.

