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
Conjugate	Unconjugated
DIMA Disclaimer	All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are actively scr

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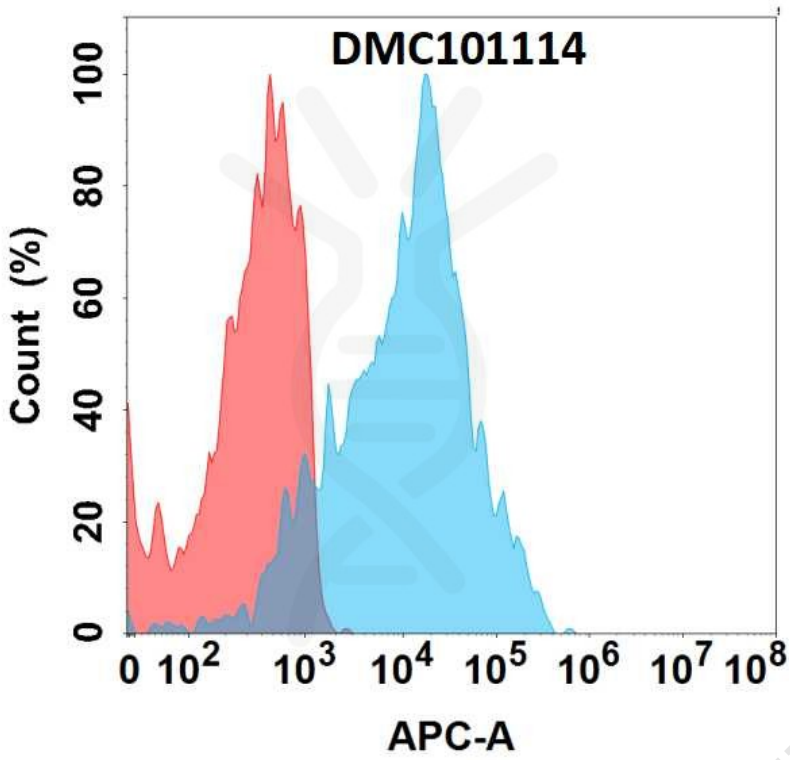

Figure 1. Flow cytometry analysis with 1μg/mL Anti-CD205 (1D4) mAb on HEK293 cells transfected with human CD205 (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

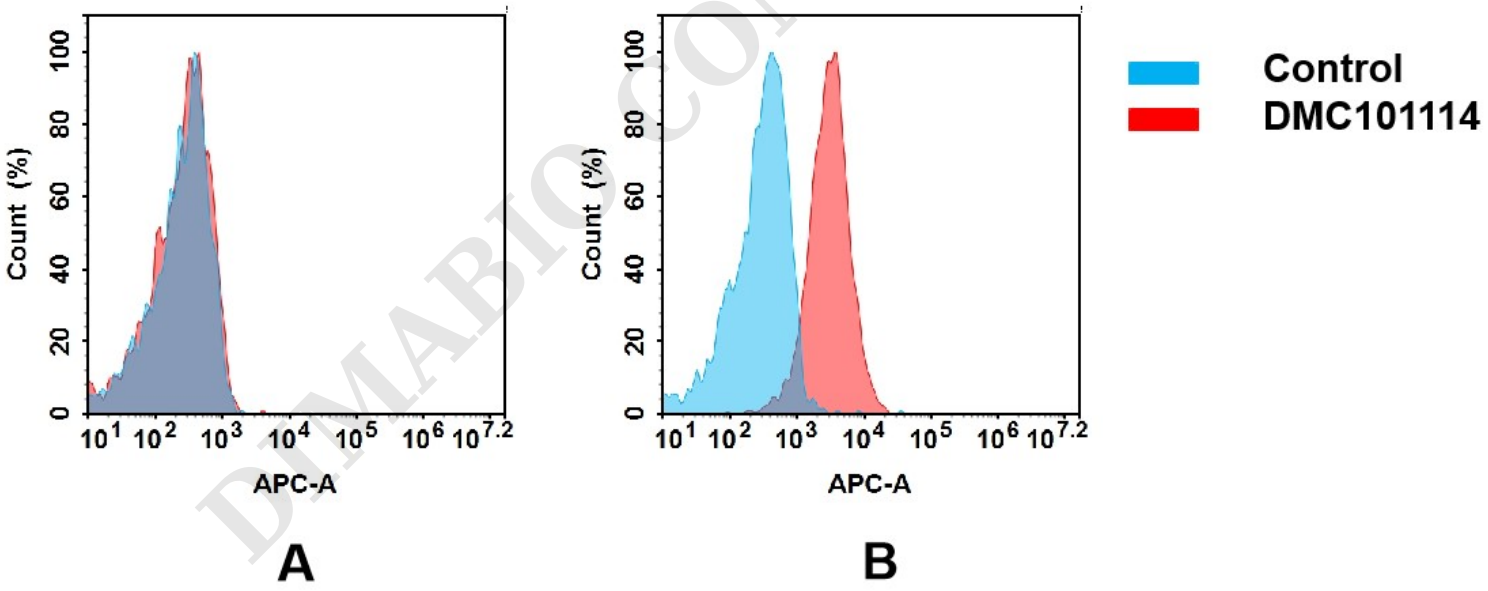

Figure 2. Flow cytometry analysis of antigen binding of anti-human CD205 mAb(DMC101114).

(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.

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