PRODUCT INFORMATION

Clone ID	DMC494
Target	CD32a
Synonyms	CD32; CD32A; CDw32; FCG2; FcGR; FCGR2; FCGR2A1; IGFR2
Host Species	Rabbit
Description	Anti-CD32a antibody(DMC494); IgG1 Chimeric mAb
Delivery	In Stock
Uniprot ID	P12318
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
Endotoxin	Less than 1.0 EU/μg by the LAL method. For <1 EU/mg requirements, please contact us for customization.
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.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use.
Background	This gene encodes one member of a family of immunoglobulin Fc receptor genes found on the surface of many immune response cells. The protein encoded by this gene is a cell surface receptor found on phagocytic cells such as macrophages and neutrophils; and is involved in the process of phagocytosis and clearing of immune complexes. Alternative splicing results in multiple transcript variants. [provided by RefSeq; Oct 2008]
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

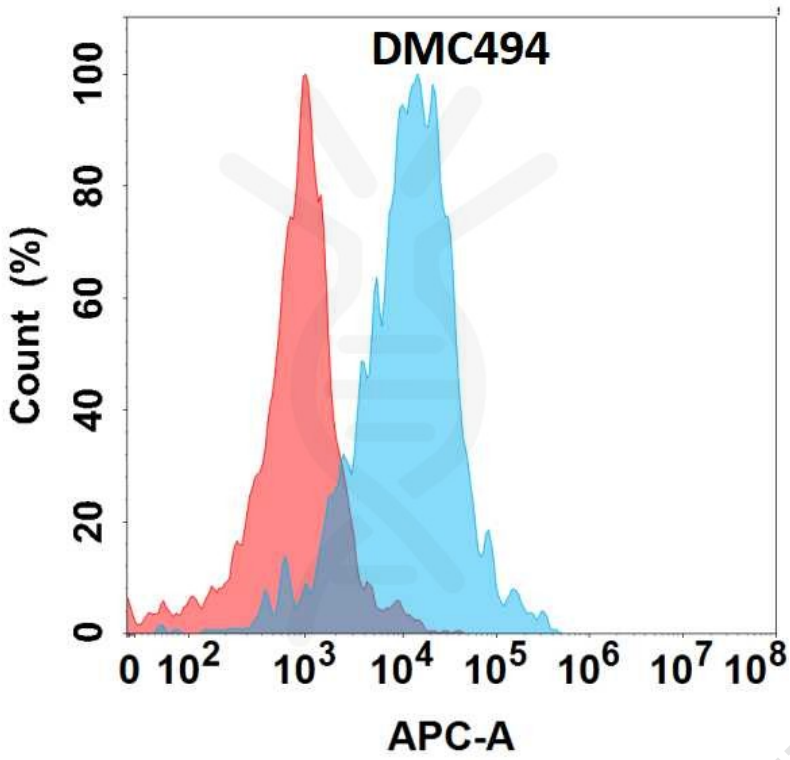

Figure 1. Flow cytometry analysis with Anti-CD32a (DMC494) on HEK293 cells transfected with human CD32a (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

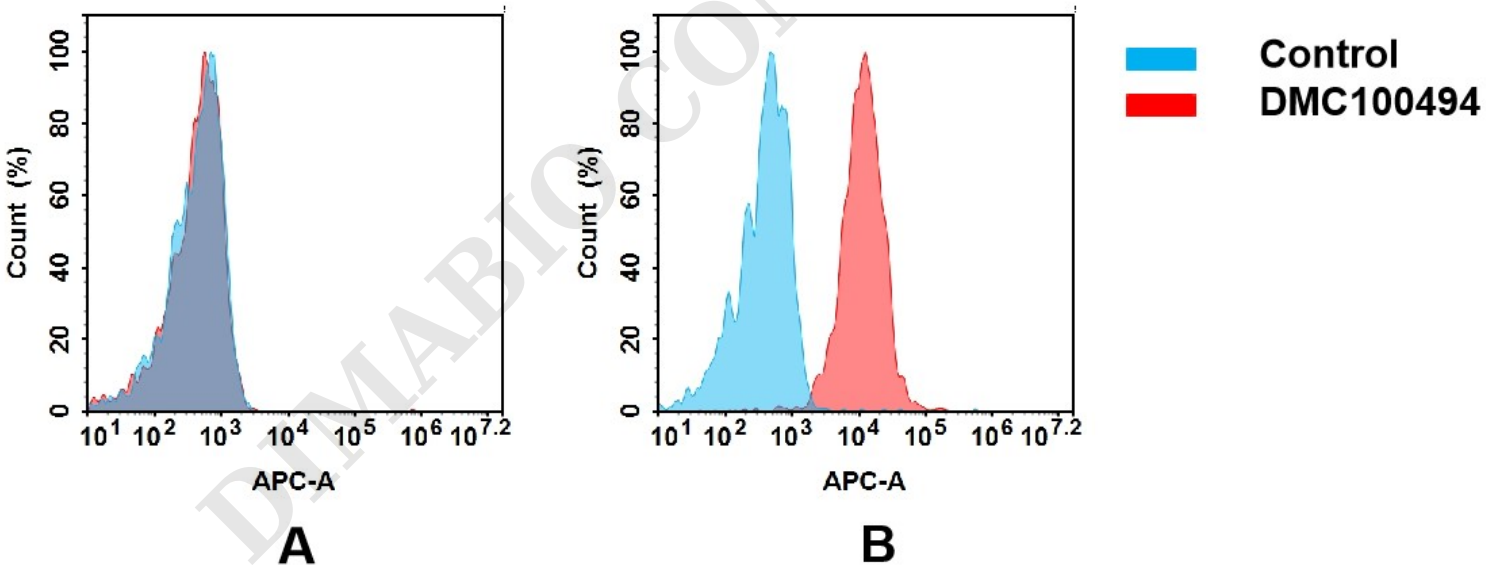

Figure 2. Flow cytometry analysis of antigen binding of anti-human CD32a mAb(DMC100494).
(A) DMC100494 does not bind to CHO-S cells that do not express CD32a.
(B) A clear peak shift of DMC100494 was seen compared to the control when incubated with CD32a-expressing THP-1 cells, indicating strong binding of DMC100494 to CD32a. Antibodies were incubated at 5 μg/mL.