

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
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	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



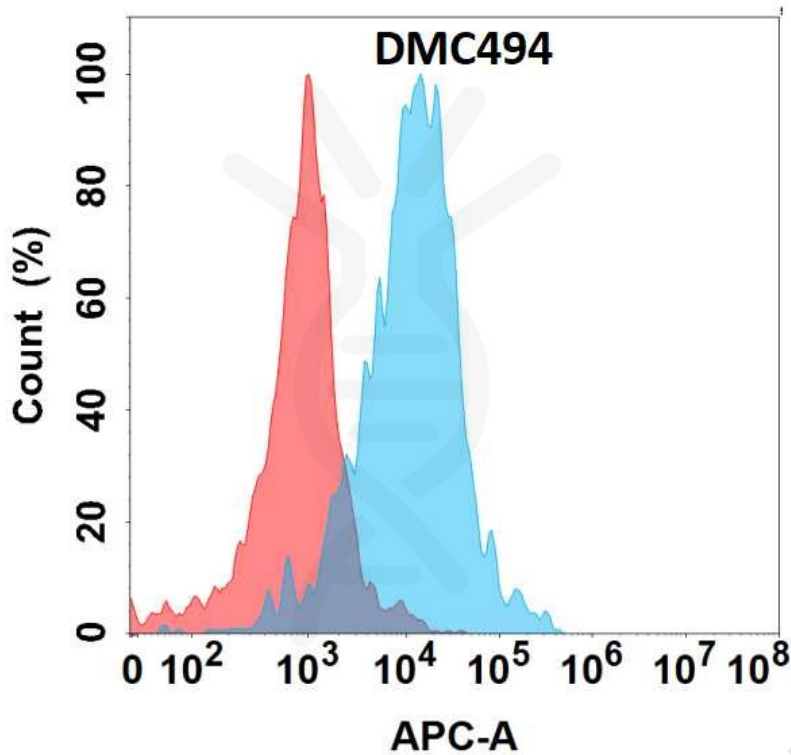


Figure 1. Flow cytometry analysis with Anti-CD32a (DMC494) on Expi293 cells transfected with human CD32a (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

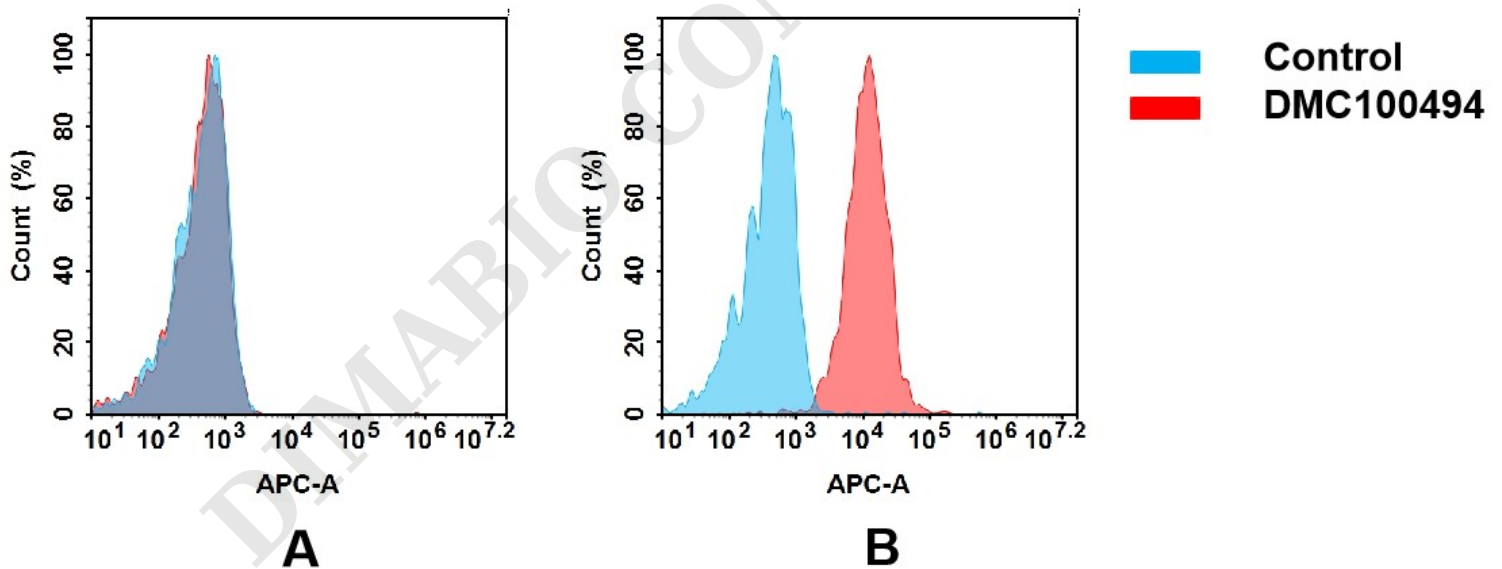


Figure 2. Flow cytometry analysis of antigen binding of anti-human CD32a mAb(DMC100494).

(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.

