PRODUCT INFORMATION

Clone ID	DMC394
Target	CLEC2D
Synonyms	C-type lectin domain family 2 member D;Lectin-like NK cell receptor;LLT-1;Osteoclast inhibitory lectin
Host Species	Rabbit
Description	Anti-CLEC2D antibody(DMC394); IgG1 Chimeric mAb
Delivery	In Stock
Uniprot ID	Q9UHP7
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 a member of the natural killer cell receptor C-type lectin family. The encoded protein inhibits osteoclast formation and contains a transmembrane domain near the N-terminus as well as the C-type lectin-like extracellular domain. Several alternatively spliced transcript variants have been identified for this gene.
Usage	Research use only
Conjugate	Unconjugated

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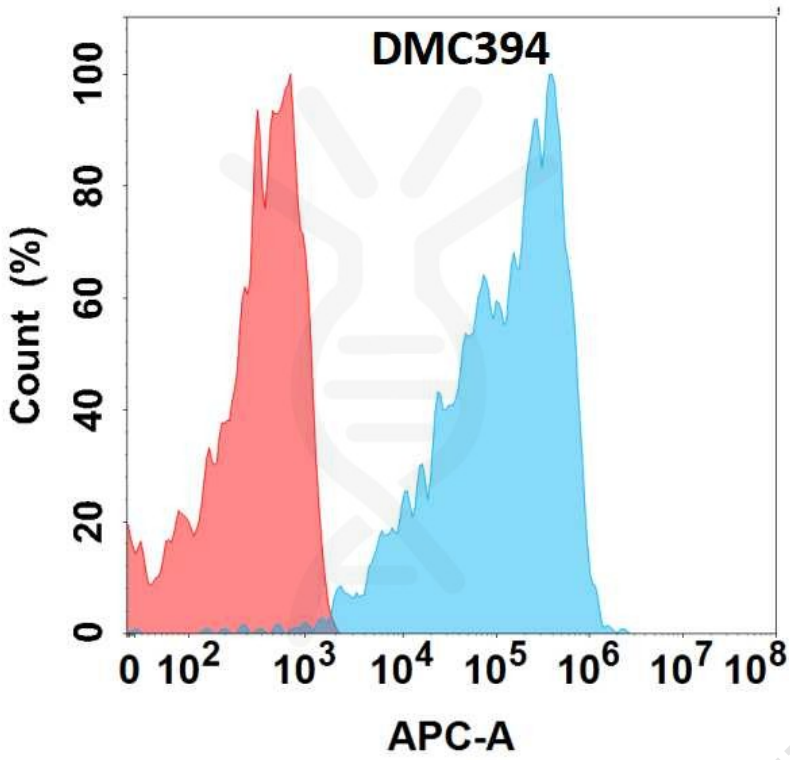

Figure 1. Flow cytometry analysis with Anti-CLEC2D (DMC394) on Expi293 cells transfected with human CLEC2D (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

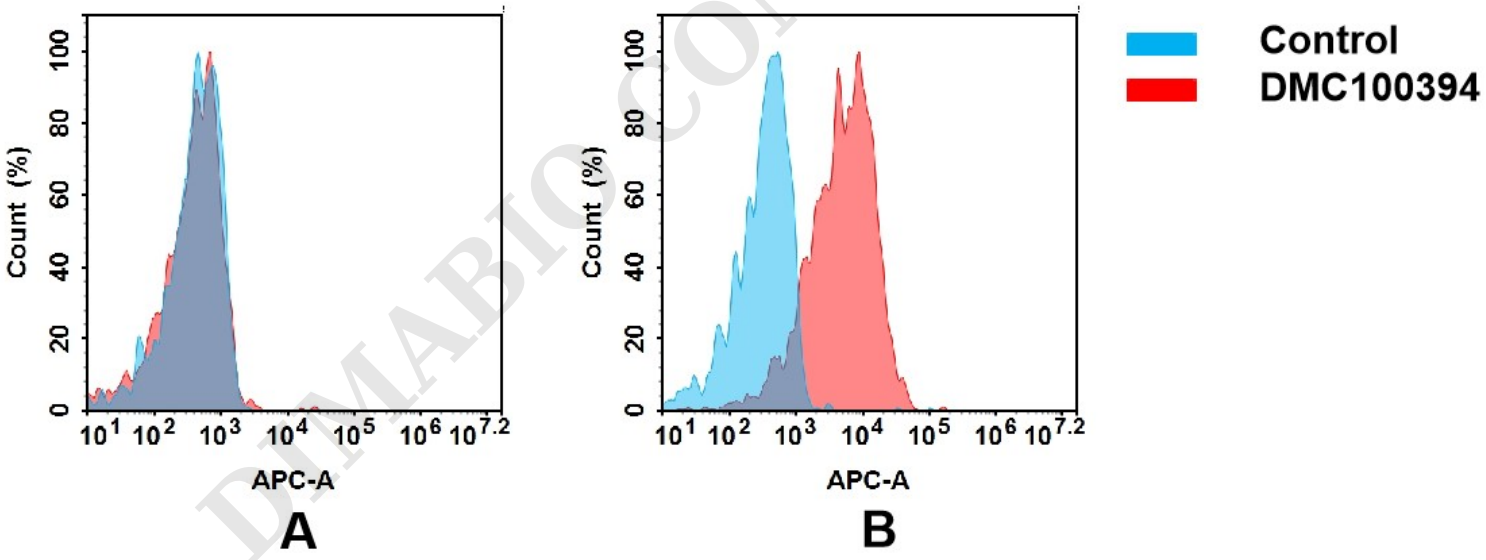

Figure 2. Flow cytometry analysis of antigen binding of anti-human CLEC2D mAb(DMC100394).
(A) DMC100394 does not bind to CHO-S cells that do not express CLEC2D.
(B) A clear peak shift of DMC100394 was seen compared to the control when incubated with CLEC2D-expressing Raji cells, indicating strong binding of DMC100394 to CLEC2D. Antibodies were incubated at 5 μg/mL.

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