

## PRODUCT INFORMATION

<b>Clone ID</b>	DMC394
<b>Target</b>	CLEC2D
<b>Synonyms</b>	C-type lectin domain family 2 member D; Lectin-like NK cell receptor; LLT-1; Osteoclast inhibitory lectin
<b>Host Species</b>	Rabbit
<b>Description</b>	Anti-CLEC2D antibody(DMC394); IgG1 Chimeric mAb
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	Q9UHP7
<b>IgG type</b>	Rabbit/Human Fc chimeric IgG1
<b>Clonality</b>	Monoclonal
<b>Reactivity</b>	Human
<b>Applications</b>	Flow Cyt
<b>Recommended Dilutions</b>	Flow Cyt 1:100
<b>Purification</b>	Purified from cell culture supernatant by affinity chromatography
<b>Formulation &amp; Reconstitution</b>	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.
<b>Storage&amp;Shipping</b>	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.
<b>Background</b>	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.
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated
<b>DIMA Disclaimer</b>	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



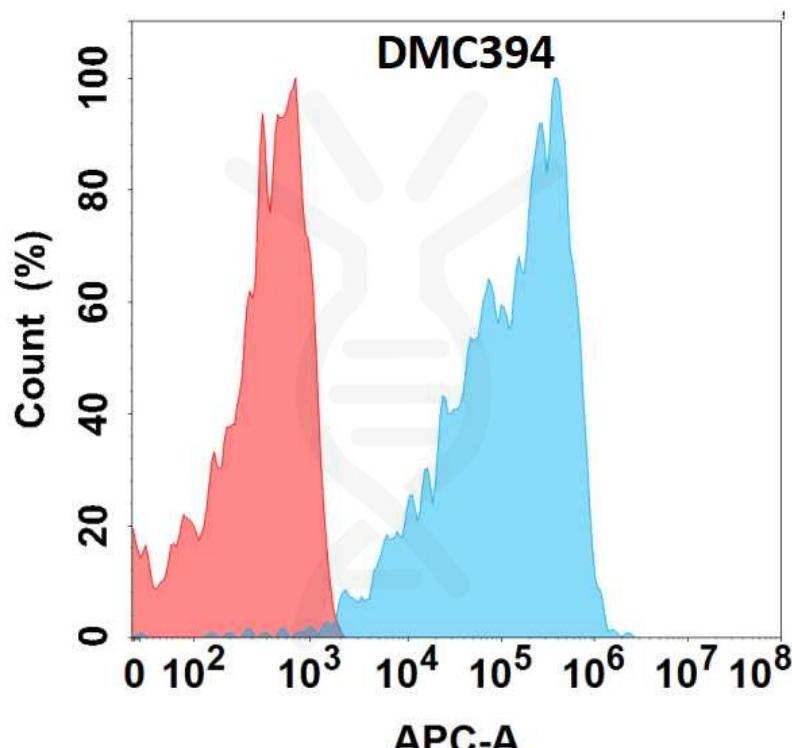


Figure 1. Flow cytometry analysis with Anti-CLEC2D (DMC394) on HEK293 cells transfected with human CLEC2D (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

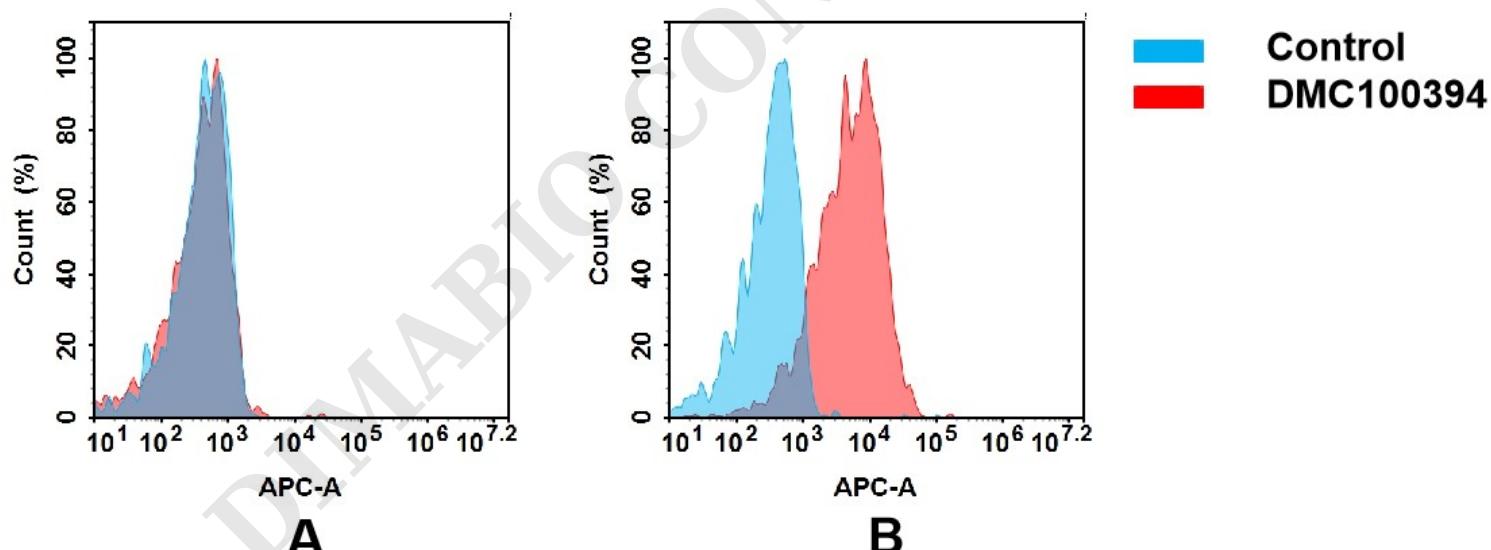


Figure 2. Flow cytometry analysis of antigen binding of anti-human CLEC2D mAb(DMC100394).

(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  $\mu$ g/mL.

