

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 |



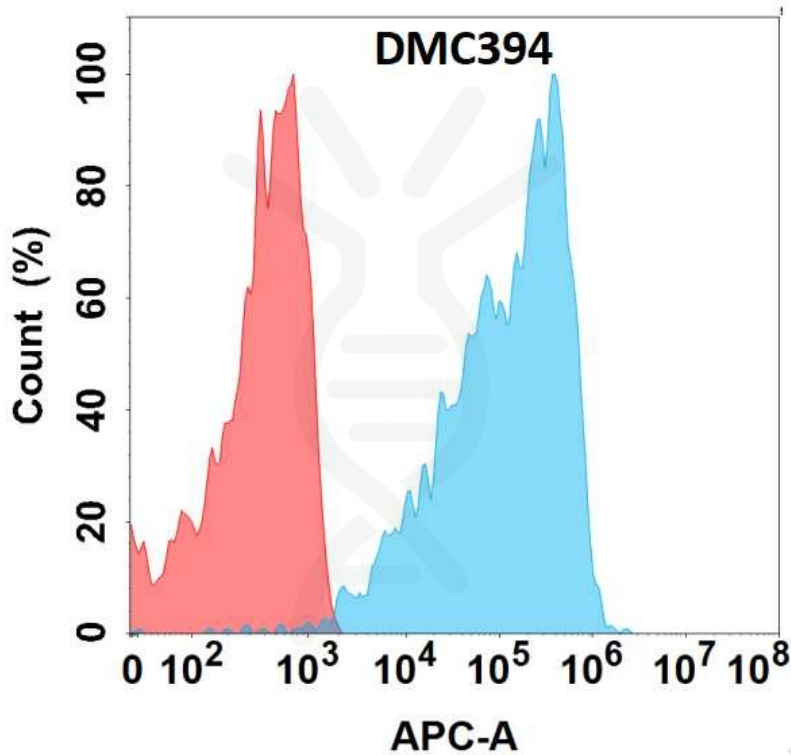


Figure 1. Flow cytometry analysis with Anti-CLEC2D (DMC394) on Expi293 cells transfected with human CLEC2D (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

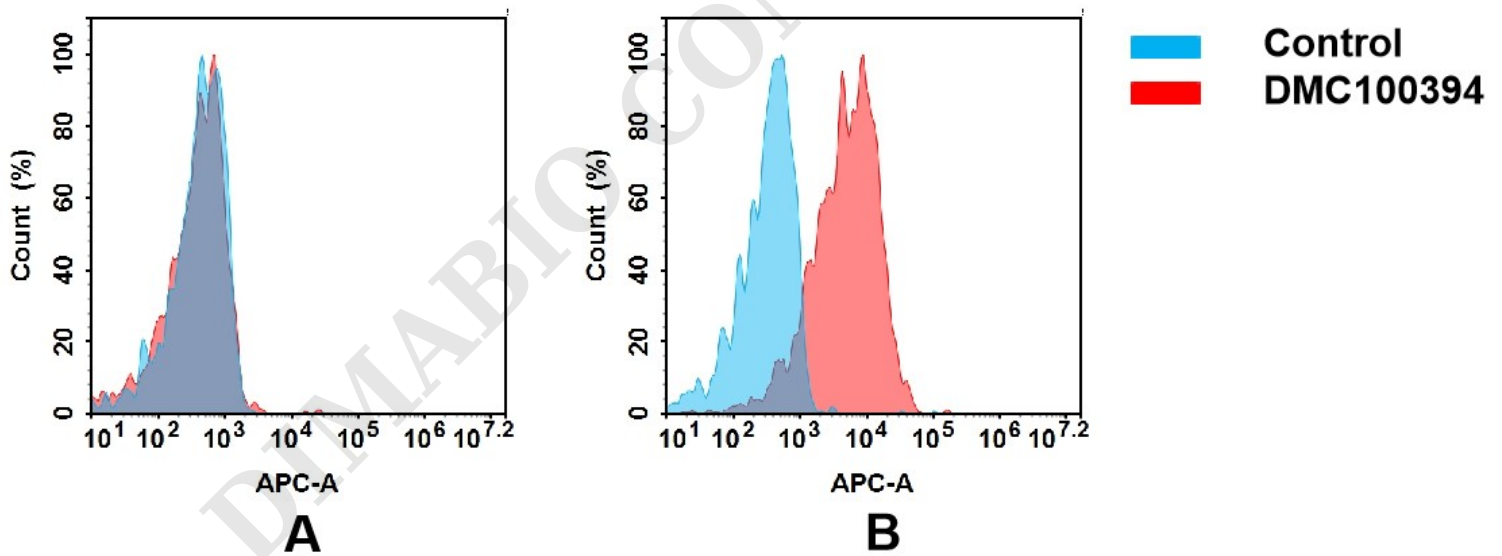


Figure 2. Flow cytometry analysis of antigen binding of anti-human CLEC2D mAb(DMC100394).

(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 μ g/mL.

