

PRODUCT INFORMATION

Clone ID **DMC224 Target** CD112

Synonyms NECTIN2; HVEB; PRR2; PVRL2; PVRR2

Host Species Rabbit

Anti-CD112 antibody(DMC224); IgG1 Chimeric Description mAb

Delivery In Stock **Uniprot ID** Q92692

Rabbit/Human Fc chimeric IgG1 IgG type

Clonality Monoclonal Reactivity Human

Applications ELISA; Flow Cyt

Recommended

Background

ELISA 1:5000-10000; Flow Cyt 1:100 **Dilutions**

Purified from cell culture supernatant by affinity **Purification**

chromatography

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation & - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Reconstitution

for specific instructions of reconstitution. 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 Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

témperature.

This gene encodes a single-pass type I membrane glycoprotein with two Ig-like C2-type domains and an Ig-like V-type domain. This protein is one of the plasma membrane components of adherens junctions. It also serves as an entry for certain mutant strains of herpes simplex virus and

pseudorabies virus; and it is involved in cell to cell spreading of these viruses. Variations in this gene have been associated with differences in the severity of multiple sclerosis. Alternate

transcriptional splice variants; encoding different

isoforms; have been characterized.

Usage Research use only Conjugate Unconjugated

> All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under

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patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are **DIMA Disclaimer** actively scrutinizing all patent application to

ensure no IP infringement.

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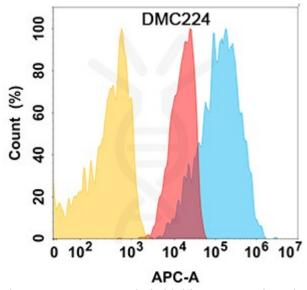


Figure 1. CD112 protein is highly expressed on the surface of Expi293 cell membrane. Flow cytometry analysis with Anti-CD112 (DMC224) on Expi293 cells transfected with human CD112 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram), and Isotype antibody on Expi293 transfected with irrelevant protein (Orange histogram).

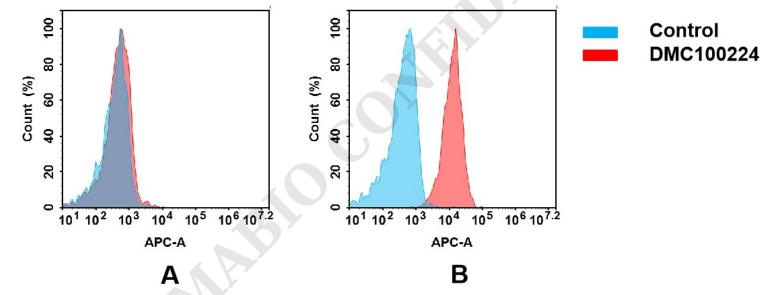


Figure 2. Flow cytometry analysis of antigen binding of anti-human CD112 mAb(DMC100224).

(A) DMC100224 does not bind to MM.1S cells that do not express CD112.

(B) A clear peak shift of DMC100224 was seen compared to the control when incubated with CD112-expressing MCF-7 cells,

indicating strong binding of DMC100224 to CD112. Antibodies were incubated at 5 μ g/mL.

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Cat. No. DMC100224



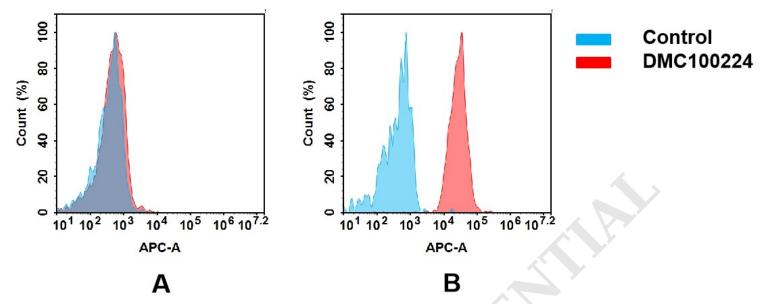
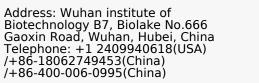


Figure 3. Flow cytometry analysis of antigen binding of anti-human CD112 mAb(DMC100224). (A) DMC100224 does not bind to MM.1S cells that do not express CD112. (B) A clear peak shift of DMC100224 was seen compared to the control when incubated with CD112-expressing Huh7 cells, indicating strong binding of DMC100224 to CD112. Antibodies were incubated at 5 μ g/mL.



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