

PRODUCT INFORMATION

Clone ID **DMC438 Target** NECTIN4

Synonyms EDSS1; LNIR; nectin-4; PRR4; PVRL4

Host Species Rabbit

Anti-Nectin4 antibody(DMC438); IgG1 Chimeric Description mAb

Delivery In Stock **Uniprot ID Q96NY8**

Rabbit/Human Fc chimeric IgG1 IgG type

Clonality Monoclonal Reactivity Human **Applications** Flow Cyt

Recommended

Storage & Shipping

Background

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 at -80°C (Avoid repeated freezing and thawing).

Lyophilized proteins are shipped at ambient

témperature.

This gene encodes a member of the nectin family. The encoded protein contains two immunoglobulin-like (Ig-like) C2-type domains and one Ig-like V-type domain. It is involved in cell adhesion through trans-homophilic and heterophilic interactions. It is a single-pass type I membrane protein. The soluble form is produced by proteolytic cleavage at the cell surface by the metalloproteinase ADAM17:TACE. The secreted

form is found in both breast tumor cell lines and breast tumor patients. Mutations in this gene are the cause of ectodermal dysplasia-syndactyly syndrome type 1; an autosomal recessive disorder. Alternatively spliced transcript variants have been found but the full-length nature of the

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variant has not been determined.

Usage Research use only





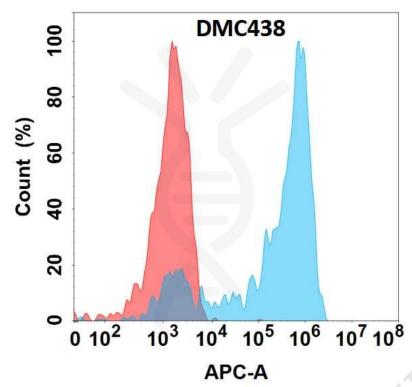


Figure 1. Flow cytometry analysis with Anti-Nectin4 (DMC438) on Expi293 cells transfected with human Nectin4 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

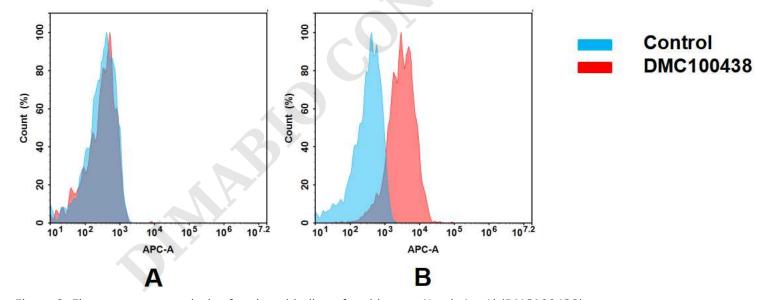
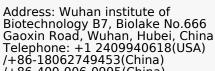


Figure 2. Flow cytometry analysis of antigen binding of anti-human Nectin4 mAb(DMC100438).

(A) DMC100438 does not bind to 293T cells that do not express Nectin4. (B) A clear peak shift of DMC100438 was seen compared to the control when incubated with Nectin4-expressing A431 cells, indicating strong binding of DMC100438 to Nectin4. Antibodies were incubated at 2 μg/mL.

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