Cat. No. DME100202P



## **PRODUCT INFORMATION**

Clone ID DM202 **CD56 Target** 

**Synonyms** NCAM1; CD56; MSK39; NCAM

**Host Species** 

PE-conjugated Anti-CD56 antibody(DM202); Description

Rabbit mAb

**Delivery Under Development** 

**Uniprot ID** P13591 Rabbit IgG IgG type Clonality Monoclonal Reactivity Human **Applications** Flow Cyt

Recommended

Flow Cyt 1:100 Dilutions

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

chromatography

Formulation & Reconstitution

Background

Liquid

☐PBS with 0.05% Proclin300, 1% BSA

Storage & Shipping Store at 2°C-8°C for 6 months

> This gene encodes a cell adhesion protein which is a member of the immunoglobulin superfamily. The encoded protein is involved in cell-to-cell interactions as well as cell-matrix interactions during development and differentiation. The encoded protein plays a role in the development

of the nervous system by regulating neurogenesis; neurite outgrowth; and cell migration. This protein is also involved in the expansion of T lymphocytes; B lymphocytes and natural killer (NK) cells which play an important role in immune surveillance. This protein plays a role in signal transduction by interacting with fibroblast growth factor receptors; N-cadherin and other components of the extracellular matrix and

by triggering signalling cascades involving FYN-focal adhesion kinase (FAK); mitogen-activated protein kinase (MAPK); and phosphatidylinositol 3-kinase (PI3K). One production CDE66 product to the control of this gene; cell surface molecule CD56; plays a role in several myeloproliferative disorders such as acute myéloid leukemia and differential expression of this gene is associated with differential disease progression. For example; increased expression of CD56 is correlated with

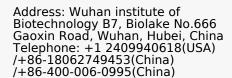
lower survival in acute myeloid leukemia patients whereas increased severity of COVID-19 is correlated with decreased abundance of CD56expressing NK cells in peripheral blood. Alternative splicing results in multiple transcript

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variants encoding distinct protein isoforms.

Usage Research use only

Conjugate PE-conjugated





PE-conjugated Anti-CD56 antibody(DM202); Rabbit mAb

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**DIMA Disclaimer** 

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 scrutinizing all patent application to JIMARIO CONTRIBITATION CONTRIBITATIO ensure no IP infringement.

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