Cat. No. DMC100269P



## **PRODUCT INFORMATION**

DMC269 Clone ID CD44 Target

CD44;CDW44;CSPG8;ECMR-III;HCELL;HUTCH-I;IN;LHR;MC56;MDU2;MDU3;MIC4;Pgp1;Epican Synonyms

**Host Species** 

Description PE-conjugated Anti-CD44 antibody(DMC269); IgG1 Chimeric mAb

Delivery Under Development

**Uniprot ID** P16070

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 Liquid⊓PBS with 0.05% Proclin300, 1% BSA

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

Background

The protein encoded by this gene is a cell-surface glycoprotein involved in cell-cell interactions; cell adhesion and migration. It is a receptor for hyaluronic acid (HA) and can also interact with other ligands; such as osteopontin; collagens; and matrix metalloproteinases (MMPs). This protein participates in a wide variety of cellular functions including lymphocyte activation; recirculation and homing; hematopoiesis; and tumor metastasis. Transcripts for this gene undergo complex alternative splicing that results in many functionally distinct isoforms; however; the full length nature of some of these variants has not been determined. Alternative splicing is the basis for the structural and functional diversity of this protein; and may be related to tumor metastasis.

Usage Research use only Conjugate

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 ensure no IP infringement. **DIMA Disclaimer** 

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