

## 12-9212B: Biotinylated Anti-CD44 antibody(DMC269); IgG1 Chimeric mAb

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	DMC269
<b>Application :</b>	Flow Cyt
<b>Reactivity :</b>	Human
<b>Gene :</b>	CD44
<b>Uniprot ID :</b>	P16070
<b>Alternative Name :</b>	CD44;CDW44;CSPG8;ECMR-III;HCELL;HUTCH-I;IN;LHR;MC56;MDU2;MDU3;MIC4;Pgp1;Epican
<b>Isotype :</b>	IgG1

### Description

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.

### Product Info

<b>Amount :</b>	10 µg / 100 µg
<b>Purification :</b>	Purified from cell culture supernatant by affinity chromatography
<b>Content :</b>	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.
<b>Storage condition :</b>	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.

### Application Note

Flow Cyt 1:100