

A Reliable Research Partner in Life Science and Medicine

## **CD44 Monoclonal Antibody**

catalog number: AN200021P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

#### **Description**

Reactivity Human

Immunogen Recombinant Human CD44 protein

 Host
 Mouse

 Isotype
 IgG1

 Clone
 A865

 Purification
 Protein A

Buffer 0.2 µm filtered solution in PBS

#### Applications Recommended Dilution

WB 1:500-1:1000

**IP** 0.2-1 μL/mg of lysate

#### Data



Immunoprecipitation analysis using 0.5 µL anti-CD44 mouse Western Blot with CD44 Monoclonal Antibody at dilution of Monoclonal Antibody and 15 µl of 50 % Protein G agarose. 1:500. Lane A: Hela Whole Cell Lysate, Lysates/proteins at Western blot was performed from the immunoprecipitate 30 µg per lane.

using CD44 mouse Monoclonal Antibody at a dilution of 1:500. Lane A:0.5 mg Hela Whole Cell Lysate

Observed-MW:98 kDa

Calculated-MW:82 kDa

# Preparation & Storage

Storage This antibody can be stored at 2°C-8°C for one month without detectable loss of

activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.

Observed-MW:98 kDa

Calculated-MW:82 kDa

stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles

Shipping Ice bag

#### **Background**

CD44 is a 80-95 kD glycoprotein also known as Hermes, Pgp1, H-CAM, or HUTCH. It is expressed on all leukocytes, endothelial cells, hepatocytes, and mesenchymal cells. As B and T cells become activated or progress to the memory stage, CD44 expression increases from a low or mid level of intensity to high expression levels. Thus, CD44 has been reported to be a valuable marker for memory cell subsets. CD44 is an adhesion molecule involved in leukocyte attachment to and rolling on endothelial cells, homing to peripheral lymphoid organs and to the sites of inflammation, and leukocyte aggregation.

### For Research Use Only

 Toll-free: 1-888-852-8623
 Tel: 1-832-243-6086
 Fax: 1-832-243-6017

 Web: www.elabscience.com
 Email: techsupport@elabscience.com
 Rev. V1.2