

A Reliable Research Partner in Life Science and Medicine

Recombinant CD44 Monoclonal Antibody

catalog number: AN300928L

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

Description

Reactivity Human; Mouse; Rat

Immunogen Recombinant Human CD44 protein

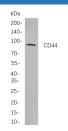
Host Rabbit Isotype IgG,ĸ Clone B875 **Purification** Protein A

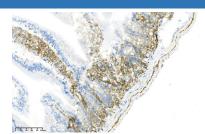
Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

1:20000-1:50000 **IHC** 1:1000-1:5000 WB

Data





Western Blot with Recombinant CD44 Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: A549 cells.

Immunohistochemistry of paraffin-embedded mouse ileum using Recombinant CD44 Monoclonal Antibody at dilution of 1:200.

Observed-MW:81 kDa

Calculated-MW:81 kDa

Preparation & Storage

Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. Storage

Shipping Ice bag

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.

For Research Use Only

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