

Recombinant CD44 Monoclonal Antibody

catalog number: **AN300039P**

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

Description

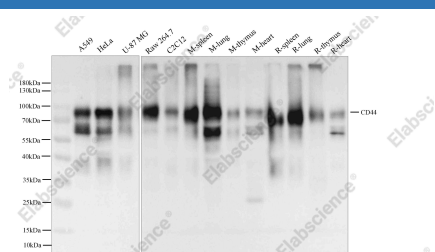
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human CD44 protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C120033
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS

Applications

Recommended Dilution

WB: 1:1000; IHC-P: 1:500-1:2000; IP: 1:20-1:50

Data



Western blot analysis of A549, HeLa, U-87 MG, RAW

264.7, C2C12, Mouse spleen, Mouse lung, Mouse

thymus, Mouse heart, Rat spleen, Rat lung, Rat thymus and

Rat heart cell lysates using CD44 Antibody (AN300039P)

at a dilution of 1:1000.

Observed-MW:80 kDa

Calculated-MW:82 kDa

Preparation & Storage

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

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. [provided by RefSeq, Jul 2008]

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