

Recombinant CD44 Monoclonal Antibody

catalog number: AN300039P

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

Description

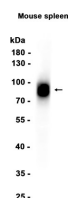
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human CD44 protein
Host	Rabbit
Isotype	IgG
Clone	A1149
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS

Applications

Recommended Dilution

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

Data



Western blot analysis of extracts from Mouse spleen tissue at 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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Rev. V1.3