

CD44 Polyclonal Antibody

catalog number: D-AB-10184L

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

Description

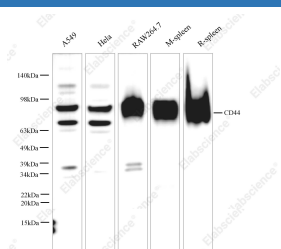
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Rat CD44 protein expressed by E.coli
Host	Rabbit
Isotype	Rabbit IgG
Purification	Antigen Affinity Purification
Buffer	PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

Applications

Recommended Dilution

WB	1:500-1:1000
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Data



Western blot with Anti CD44 Polyclonal antibody at dilution of 1:1000. Lane 1:A549 cell lysate,Lane 2:Hela cell lysate,Lane 3:RAW264.7 cell lysate,Lane 4:Mouse spleen tissue lysate,Lane 5:Rat spleen tissue lysate.

Observed-MW:70-85 kDa

Calculated-MW:51 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

CD44 is a type I transmembrane glycoprotein that mediates cell-cell and cell-matrix interactions through its affinity for hyaluronic acid (HA) and possibly also through its affinity for other ligands. Adhesion with HA plays an important role in cell migration,tumor growth and progression. CD44 is also involved in lymphocyte activation,recirculation and homing,and in hematopoiesis. This protein exists in multiple isoforms (with molecular weight ranging from 16 kDa to over 200 kDa) generated by alternative RNA splicing and undergoes extensive post-translational modifications.

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