

CD44 Polyclonal Antibody

Catalog No. E-AB-30829

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

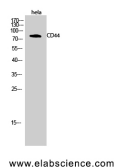
Description

Reactivity	Human, Mouse, Rat
Immunogen	Synthesized peptide derived from human CD44 around the non-phosphorylation site of Ser706.
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 0.5% protective protein and 50% glycerol, pH7.4

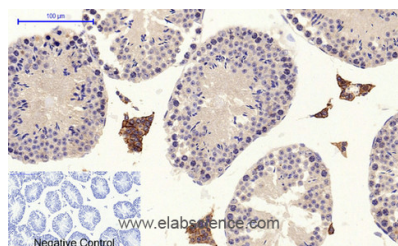
Applications Recommended Dilution

WB	1:500-2000
IHC	1:50-300
IF	1:50-1:200

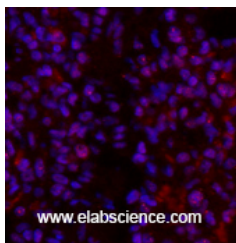
Data



Western Blot analysis of HeLa cells using CD44 Polyclonal Antibody at dilution of 1:500.
Observed Mw:90kDa
Calculated Mw:82kDa



Immunohistochemistry of paraffin-embedded Mouse testis tissue using CD44 Polyclonal Antibody at dilution of 1:200.



Immunofluorescence analysis of Rat lung tissue using CD44 Polyclonal Antibody at dilution of 1:200.

Preparation & Storage

For Research Use Only

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

Receptor for hyaluronic acid (HA). Mediates cell-cell and cell-matrix interactions through its affinity for HA, and possibly also through its affinity for other ligands such as osteopontin, collagens, and matrix metalloproteinases (MMPs). Adhesion with HA plays an important role in cell migration, tumor growth and progression. Also involved in lymphocyte activation, recirculation and homing, and in hematopoiesis. Altered expression or dysfunction causes numerous pathogenic phenotypes. Great protein heterogeneity due to numerous alternative splicing and post-translational modification events.

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