

Phospho-CD44 (Ser706) Polyclonal Antibody

Catalog No. E-AB-21034

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

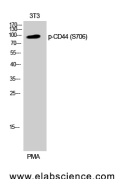
Description

Reactivity	Human, Mouse, Rat
Immunogen	Synthesized peptide derived from human CD44 around the 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	1:500-1:2000
ELISA	1:20000

Data



Western Blot analysis of 3T3 cells with Phospho-CD44
(Ser706) Polyclonal Antibody
Observed Mw:90kDa
Calculated Mw:82kDa

Preparation & Storage

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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