# Phospho-CD44 (Ser706) Polyclonal Antibody

Catalog Number: 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

**Formulation** 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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