



CD44 (Phospho-Ser706) Antibody

E11-0847A

Catalog Number: E11-0847A

Concentration: 1mg/ml

Swiss-Prot No.: P16070

Other Names: CD44 antigen precursor, CDw44, ECMR-III, Epican, Extracellular matrix receptor-III, GP90 lymphocyte homing/adhesion receptor, HUTCH-I, Heparan sulfate proteoglycan, Hermes antigen, Hyaluronate receptor, LHR, PGP-1, Phagocytic glycoprotein I

All Sites: Human: Ser706; Mouse: Ser742

Storage/Stability: Store at -20 °C/1 year

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human CD44 around the phosphorylation site of serine 706

(S-K-S^P-Q-E).

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

Specificity: CD44 (Phospho-Ser706) antibody detects endogenous levels of CD44 only when phosphorylated at serine 706.

Reactivity: Human, Mouse

Applications: WB: 1:500~1:1000 ELISA: 1:20000

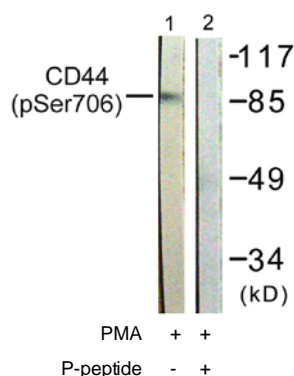
References:

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TA Brown, J. Cell Biol., Apr 1991; 113: 207.

Stephen B. Fox, Cancer Res., Aug 1994; 54: 4539 - 4546.

G Koopman, J. Exp. Med., Apr 1993; 177: 897.



Western blot analysis of extracts from NIH/3T3 cells, treated with PMA (250ng/ml, 5mins), using CD44 (Phospho-Ser706) antibody.

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