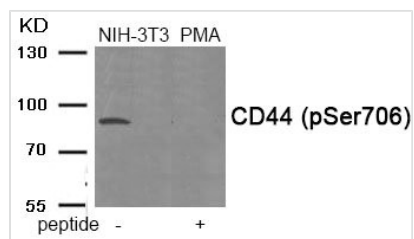




Phospho-CD44 (Ser706) Antibody

Product Code	CSB-PA135522
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P16070
Immunogen	Peptide sequence around phosphorylation site of serine 706 (S-K-S(p)-Q-E) derived from Human CD44.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of CD44 only when phosphorylated at serine 706.
Tested Applications	ELISA,WB;WB:1:500-1:1000
Relevance	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. Ildefonso CJ, et al. (2012)J Biol Chem 287, 32697-707. Pivetta E, et al. (2011)J Cell Physiol 226, 769-79. Wang YT, et al. (2010)J Proteome Res 9, 5582-97.
Form	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography
Clonality	Polyclonal
Alias	CD44 antigen precursor; ECMR-III; Epican; Hermes antigen; PGP-1
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	CD44
Image	



Western blot analysis of extracts from NIH-3T3 cells treated with PMA using Phospho-CD44 (Ser706) antibody. The lane on the right is treated with the antigen-specific peptide.

Product Modify

Phospho-Ser706