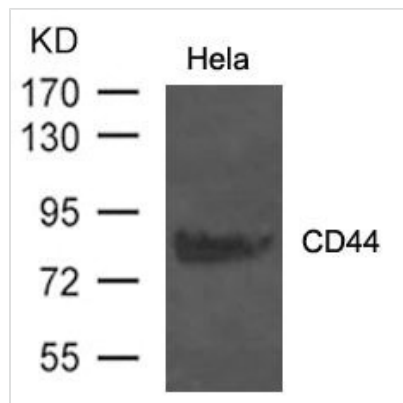


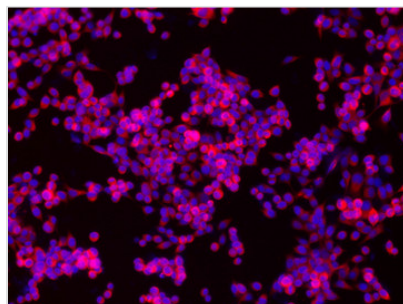


CD44 Antibody

Product Code	CSB-PA644696
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P16070
Immunogen	Peptide sequence around aa.734~738(Q-N-V-D-M) derived from Human CD44.
Raised In	Rabbit
Species Reactivity	Human,Rat
Specificity	The antibody detects endogenous level of total CD44 protein.
Tested Applications	ELISA,WB,IF;WB:1:500-1:1000,IF:1:100-1:200
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. Teriete P.,et.al(2004) Mol. Cell 13:483-496 Bartolazzi A. (2003)Melanoma Res. 13:325-337 Liu T.et.al (2005)J. Proteome Res. 4:2070-2080
Form	Supplied at 1.0mg/mL 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 peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Clonality	Polyclonal
Alias	LHR; MDU2; MDU3; MIC4;
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	CD44
Image	



Western blot analysis of extract from Hela cells using CD44 Antibody



Immunofluorescence staining of methanol-fixed NCI-h446 cells showing cytoplasmic staining using CD44 Antibody.