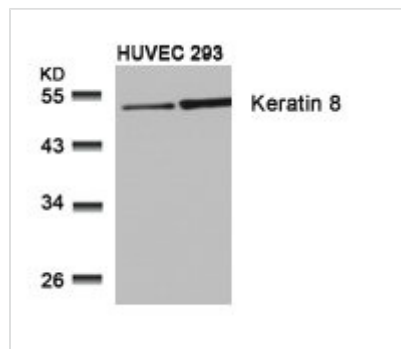


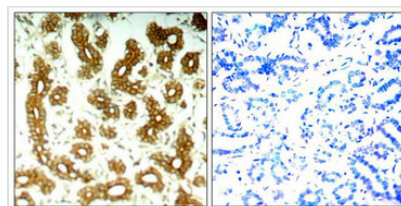


KRT8 (Ab-74) Antibody

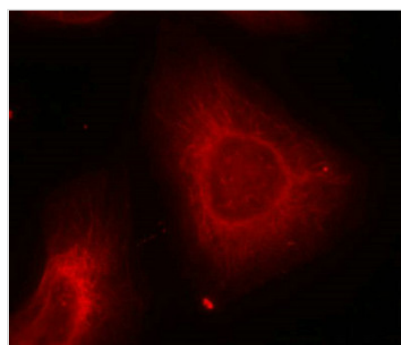
Product Code	CSB-PA982739
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P05787
Immunogen	Peptide sequence around aa.72~76 (L-L-S-P-L) derived from Human Keratin 8 (CK8).
Raised In	Rabbit
Species Reactivity	Human
Specificity	The antibody detects endogenous level of total Keratin 8 protein.
Tested Applications	ELISA, WB, IHC, IF; WB:1:500-1:1000, IHC:1:50-1:200, IF:1:100-1:200
Relevance	Keratin 8 is a member of the type II keratin family clustered on the long arm of chromosome 12. Type I and type II keratins heteropolymerize to form intermediate-sized filaments in the cytoplasm of epithelial cells. The product of this gene typically dimerizes with keratin 18 to form an intermediate filament in simple single-layered epithelial cells. This protein plays a role in maintaining cellular structural integrity and also functions in signal transduction and cellular differentiation. Mutations in this gene cause cryptogenic cirrhosis. Nakamichi I, et al. (2002) Mol Biol Cell; 13(10): 3441-3451. Prochasson P, et al. (2002) Nucleic Acids Res; 30(15): 3312-3322. Pankov R, et al. (1994) Proc Natl Acad Sci U S A; 91(3): 873-877. Thorey IS, et al. (1993) Mol Cell Biol; 13(11): 6742-6751.
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	CK 8; CK8; CYK8; Cytokeratin endo A; K8
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	KRT8
Image	



Western blot analysis of extracts from HUVEC and 293 cells using Keratin 8(Ab-74) Antibody.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Keratin 8(Ab-74) Antibody(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed Hela cells using Keratin 8(Ab-74) Antibody.