



# KRT8 (Ab-74) Antibody

<b>Product Code</b>	CSB-PA982739
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Uniprot No.</b>	P05787
<b>Immunogen</b>	Peptide sequence around aa.72~76 (L-L-S-P-L) derived from Human Keratin 8 (CK8).
<b>Raised In</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Specificity</b>	The antibody detects endogenous level of total Keratin 8 protein.
<b>Tested Applications</b>	ELISA, WB, IHC, IF; WB:1:500-1:1000, IHC:1:50-1:200, IF:1:100-1:200
<b>Relevance</b>	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.
<b>Form</b>	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Purification Method</b>	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
<b>Clonality</b>	Polyclonal
<b>Alias</b>	CK 8; CK8; CYK8; Cytokeratin endo A; K8
<b>Product Type</b>	Polyclonal Antibody
<b>Species</b>	Homo sapiens (Human)
<b>Target Names</b>	KRT8
<b>Image</b>	

