



Anti-KRT8 monoclonal antibody, clone L9/494 (DCABH-12162)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene 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.
Immunogen	Cytoskeleton preparation containing cytokeratin 8.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human, Rat, Zebrafish
Clone	L9/494
Purification	Protein A/G affinity chromatography
Conjugate	Unconjugated
Applications	Western Blot; Immunohistochemistry; Immunofluorescence; Immunoprecipitation; Flow Cytometry
Format	Liquid
Buffer	In PBS, pH 7.4 (0.05% BSA, 0.05% sodium azide)
Preservative	0.05% Sodium Azide
Storage	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and

thawing.

GENE INFORMATION

Gene Name	KRT8 keratin 8 [Homo sapiens]
Official Symbol	KRT8
Synonyms	KRT8; keratin 8; keratin, type II cytoskeletal 8; CARD2; CK8; CYK8; K2C8; K8; KO; cytokeratin 8; cytokeratin-8; type-II keratin Kb8; CK-8;
Entrez Gene ID	3856
Protein Refseq	NP_001243211
UniProt ID	Q7L4M3
Chromosome Location	12q13
Pathway	EGFR1 Signaling Pathway, organism-specific biosystem; Signaling mediated by p38-alpha and p38-beta, organism-specific biosystem;
Function	protein binding; structural molecule activity;