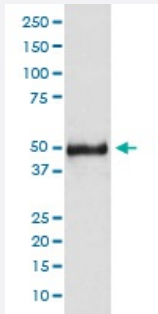


KRT8 monoclonal antibody, clone CIG-11

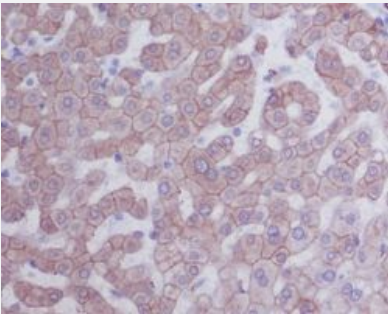
Catalog # MAB19968 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of HaCaT cell lysate with KRT8 monoclonal antibody.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of paraffin-embedded human liver with KRT8 monoclonal antibody.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human KRT8.
Immunogen	A synthetic peptide corresponding to human KRT8.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Purification	Affinity purification
Isotype	IgG

Recommend Usage	Flow Cytometry (1:50) Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1:200) Immunoprecipitation (1:50) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of HaCaT cell lysate with KRT8 monoclonal antibody.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of paraffin-embedded human liver with KRT8 monoclonal antibody.

- Immunocytochemistry

- Immunofluorescence

- Immunoprecipitation

- Flow Cytometry

Gene Info — KRT8

Entrez GeneID	3856
Protein Accession#	P05787
Gene Name	KRT8
Gene Alias	CARD2, CK8, CYK8, K2C8, K8, KO
Gene Description	keratin 8

Omim ID [148060 215600](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations cytokeratin 8|keratin, type II cytoskeletal 8

Disease

- [Alzheimer disease](#)
- [Cerebral Amyloid Angiopathy](#)
- [Chronic Disease](#)
- [Disease Progression](#)
- [Drug-Induced Liver Injury](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [Inflammatory Bowel Diseases](#)
- [Liver Cirrhosis](#)
- [Liver Failure](#)
- [Neuroblastoma](#)
- [Pancreatitis](#)