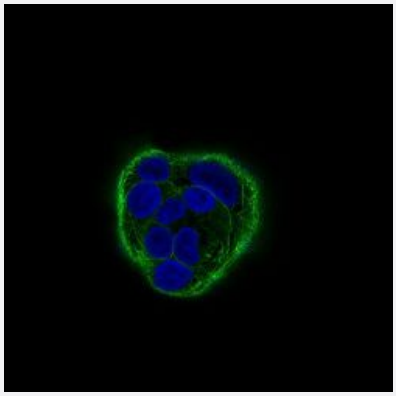
KRT18 monoclonal antibody, clone HB-11

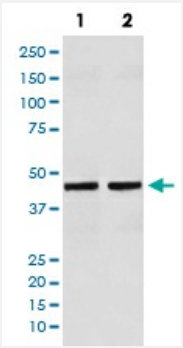
Catalog # MAB19956 Size 100 uL

Applications



Immunofluorescence

Immunofluorescent analysis of HaCaT cells with KRT18 monoclonal antibody.



Western Blot (Cell lysate)

Western blot analysis of (1) HT-29 cell lysate;(2) human kidney lysate with KRT18 monoclonal antibody.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human KRT18.
Immunogen	A synthetic peptide corresponding to human KRT18.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Affinity purification

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Isotype	IgG
Recommend Usage	Flow Cytometry (1:50) Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1:200) Western Blot (1:500-1:2000) 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 st ored 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 shoul d be handled by trained staff only.

Applications

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

  Immunofluorescent analysis of HaCaT cells with KRT18 monoclonal antibody.
- Immunocytochemistry
- Flow Cytometry
- Western Blot (Cell lysate)

  Western blot analysis of (1) HT-29 cell lysate;(2) human kidney lysate with KRT18 monoclonal antibody.

Gene Info — KRT18

Entrez GeneID	3875
Protein Accession#	P05783
Gene Name	KRT18
Gene Alias	CYK18, K18
Gene Description	keratin 18
Omim ID	148070 215600

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Gene Ontology	Hyperlink
Gene Summary	KRT18 encodes the type I intermediate filament chain keratin 18. Keratin 18, together with its fila ment partner keratin 8, are perhaps the most commonly found members of the intermediate filam ent gene family. They are expressed in single layer epithelial tissues of the body. Mutations in this gene have been linked to cryptogenic cirrhosis. Two transcript variants encoding the same protei n have been found for this gene. [provided by RefSeq
Other Designations	cell proliferation-inducing protein 46|cytokeratin 18

Pathway

- Pathogenic Escherichia coli infection - EHEC

Disease

- Cleft Lip
- Cleft Palate
- Drug-Induced Liver Injury
- Genetic Predisposition to Disease
- Liver Cirrhosis
- Liver Failure

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