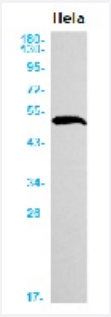
RecomAb™

KRT18 recombinant monoclonal antibody, clone R04-1A7

Catalog # RAB01680 Size 100 uL

Applications



Western Blot

Western blot analysis of Keratin 18 in Hela lysates using human Cytokeratin 18 recombinant monoclonal antibody, clone R04-1A7 (Cat # RAB01680).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against synthetic peptide of human Cytokeratin 18.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human Cytokeratin 18
Theoretical MW (kDa)	Calculated MW: 48 kD
Reactivity	Human
Form	Liquid
Preparation Method	Mammalian cell (CHO) expression system
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1:50-1:200) Immunoprecipitation (1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.

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Storage Buffer	In 50 mM Tris-Glycine pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA).
Storage Instruction	Store at 4°C for short term. For long term storage store at -20°C. Aliquot to 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

- Immunocytochemistry
- Immunoprecipitation
- Western Blot

  Western blot analysis of Keratin 18 in Hela lysates using human Cytokeratin 18 recombinant monoclonal antibody, clone R04-1A7 (Cat # RAB01680).

Gene Info — KRT18

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

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- 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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