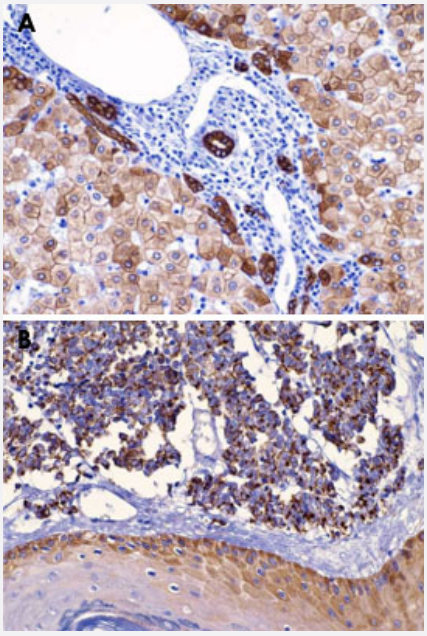
KRT18 monoclonal antibody, clone R20-H

Catalog # MAB9769 Size 100 uL

Applications



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

Formalin-fixed and paraffin-embedded human liver tissue (A, 4 µm), and skin tissue with neuroendokrine carcinoma of skin- Merkel cell carcinoma (B, 4 µm), stained with KRT18 monoclonal antibody, clone R20-H (Cat # MAB9769) shows strong positive cytoplasmic immunostaining of the bile duct epithelial cells and week to moderate stains of liver cells (A), strong positive cytoplasmic and dot-like immunostaining of neoplastic cells (B).
Kindly performed and provided by Katarina Poliakova, MD and L'ubomir Straka, MD, Ph. D. from Clinical Pathology Presov, Ltd., Presov, Slovak republic.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of KRT18.
Immunogen	A synthetic peptide corresponding to C-terminus of human KRT18.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:100-1:300) The optimal working dilution should be determined by the end user.
Storage Buffer	In 20 mM Tris-HCl, pH 8.0 (20 mg/mL BSA, 0.05% sodium azide)

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Storage Instruction	Store at 4°C.
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)

  Formalin-fixed and paraffin-embedded human liver tissue (A, 4 µm), and skin tissue with neuroendokrine carcinoma of skin-Merkel cell carcinoma (B, 4 µm), stained with KRT18 monoclonal antibody, clone R20-H (Cat # MAB9769) shows strong positive cytoplasmic immunostaining of the bile duct epithelial cells and week to moderate stains of liver cells (A), strong positive cytoplasmic and dot-like immunostaining of neoplastic cells (B).
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- Immunohistochemistry (Frozen sections)

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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