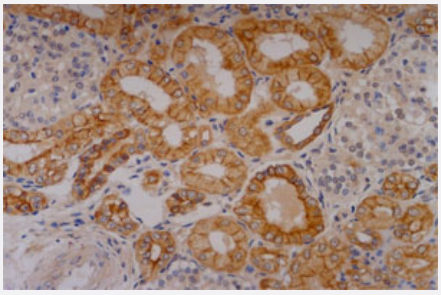
KRT18 monoclonal antibody, clone C-04 (Biotin)

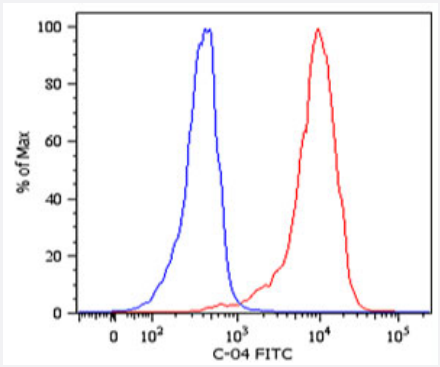
Catalog # MAB6504 Size 100 ug

Applications



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

Immunohistochemistry staining of human kidney (paraffin-embedded sections) with KRT18 monoclonal antibody, clone C-04 (Cat # MAB0857).



Flow Cytometry

Intracellular flow cytometric analysis of cytokeratin expression in HeLa (human cervix carcinoma cell line) using KRT18 monoclonal antibody, clone C-04 (FITC) (Cat # MAB4565). Overlay with Isotype mouse IgG1 control.

Specification

Product Description	Mouse monoclonal antibody raised against native KRT18.
Immunogen	Native purified KRT18 from human epidermal carcinoma cell line (A-431).
Host	Mouse
Theoretical MW (kDa)	45
Reactivity	Human, Mammals
Specificity	This antibody reacts with Cytokeratin 18 (45 KDa), a member of intermediate filamentssubfamily rep resented in epithelial tissues.

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Form	Liquid
Conjugation	Biotin
Isotype	IgG1
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (0.09% sodium azide)
Storage Instruction	Store at 4°C. Do not freeze. 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

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

  Immunohistochemistry staining of human kidney (paraffin-embedded sections) with KRT18 monoclonal antibody, clone C-04 (Cat # MAB0857).

- Immunocytochemistry

- Flow Cytometry

  Intracellular flow cytometric analysis of cytokeratin expression in HeLa (human cervix carcinoma cell line) using KRT18 monoclonal antibody, clone C-04 (FITC) (Cat # MAB4565). Overlay with Isotype mouse IgG1 control.

- Enzyme-linked Immunoabsorbent Assay

- Immunoprecipitation

- Western Blot

Gene Info — KRT18

Entrez GeneID	3875
Gene Name	KRT18
Gene Alias	CYK18, K18
Gene Description	keratin 18

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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

- 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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