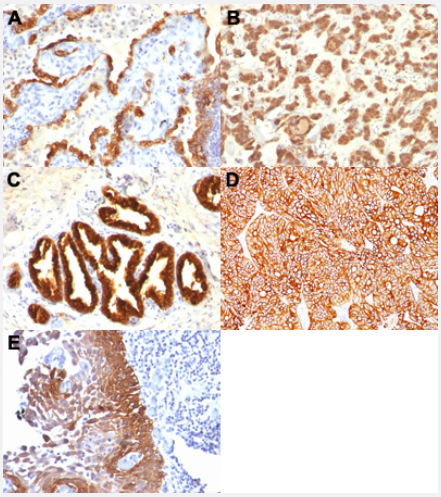
KRT18 monoclonal antibody, clone Cocktail

Catalog # MAB14342 Size 100 ug

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human lung carcinoma (A), human thyroid carcinoma (B), human prostate carcinoma (C), human colon carcinoma (D) and human cervical carcinoma (E) with KRT18 monoclonal antibody, clone Cocktail (Cat # MAB14342).

Specification

Product Description	Mouse monoclonal antibody raised against full length recombinant human KRT18.
Immunogen	Recombinant protein corresponding to full length human KRT18.
Host	Mouse
Theoretical MW (kDa)	45
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG1; IgG2a; IgG2b

Recommend Usage	Flow Cytometry (0.5-1 ug/10^6 cells in 0.1 mL) Immunofluorescence (1-2 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS.
Storage Instruction	Store at -20 to -80°C. Aliquot to avoid repeated freezing and thawing.

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- Immunofluorescence

- Flow Cytometry

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

- Pathogenic Escherichia coli infection - EHEC

Disease

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