

Cytokeratin 18 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3166
Host	Mouse
Isotype	Mouse IgG2b
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human Cytokeratin 18 (aa391-483) expressed in E. Coli.
Mol wt	48kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB,IHC
Concentration	N/A
Full name	N/A
Synonyms	CK18;CYK18;KRT18

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Cytokeratin 18, also known as CK18, CYK18, KRT18. Entrez Protein NP_000215. It encodes the type I intermediate filament chain keratin 18. Keratin 18, together with its filament partner keratin 8, are perhaps the most commonly found members of the intermediate filament 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 protein have been found for this gene.

Recommended Dilution

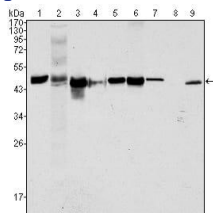
WB: 1:500 - 1:2000

IHC-p: 1:200 - 1:1000

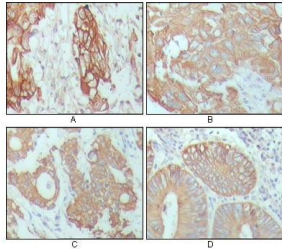
ELISA: 1:10000

Not yet tested in other applications.

Images



Western blot analysis using CK18 mouse mAb against Hela (1), NIH/3T3 (2), A549 (3), Jurkat (4), MCF-7(5), HepG2 (6), A431 (7), HEK293 (8) and K562 (9) cell lysate.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma (A), hepatocarcinoma (B), stomach cancer (C) and colon cancer tissue (D), showing cytoplasmic location with DAB staining using CK18 mouse mAb.

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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