

Name:CK8 mouse monoclonal antibody, clone UMAB1
Product Data Sheet - UltraMAB

Catalog: UM500001

Gene Name:Homo sapiens keratin 8 (KRT8), transcript variant 2
GeneBank accession: NM_002273
Isotype: IgG1

Reactivity: Human, Monkey
Test application: WB
Clone Name: Clone UMAB1

Gene Synonym: CARD2; CK-8; CK8; CYK8; K2C8; K8; KO

Validation Data:

Guaranteed Applications: WB, IHC, 10K-CHIP

Western Blot

Suggested Dilutions: WB 1:500~1000, IHC 1:50, IF 1:50~100,

Immunogen: Human recombinant protein fragment corresponding to amino acids 91-381 of human CK8 (NP_002264) produced in E.coli.

Components:

- CK8 mouse monoclonal antibody, clone UMAB1 (UM500001)

Amount:

UM500001 100ul

Concentration: 0.5~1.0 mg/ml (Lot Dependent)

Storage Condition: Shipped at 4C. Upon delivery store at -20C. Dilute in PBS (pH7.3) before use. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.

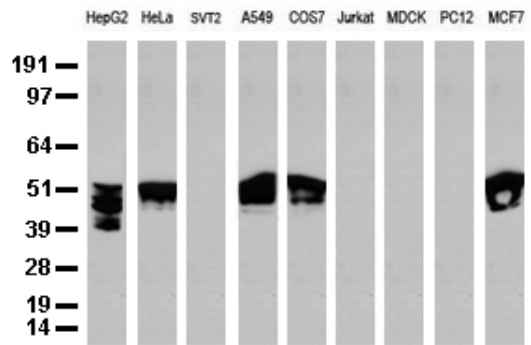
Buffer: PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.

Purification:

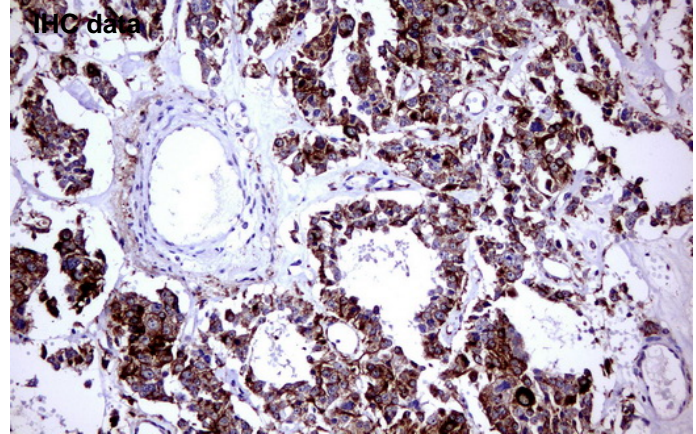
Purified from mouse ascites fluids by affinity chromatography

Background:

Keratin 8 is a member of the type II keratin family clustered on the long arm of chromosome 12. Type I and type II keratins heteropolymerize to form intermediate-sized filaments in the cytoplasm of epithelial cells. The product of this gene typically dimerizes with keratin 18 to form an intermediate filament in simple single-layered epithelial cells. This protein plays a role in maintaining cellular structural integrity and also functions in signal transduction and cellular differentiation. Mutations in this gene cause cryptogenic cirrhosis.



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-KRT8 monoclonal antibody (Clone UMAB1) at 1:500.



Immunohistochemical staining of paraffin-embedded Carcinoma of pancreas tissue using anti-KRT8 mouse monoclonal antibody. (Clone UMAB1, Dilution 1:100)

Related Product:

- TrueORF cDNA clones
- VERIFY Tagged Antigen lysates
- HuSH-29 shRNA
- Western Blot reagents
- Anti-myc/DDK tag antibodies

* Peptide sequence of the DDK-tag (Flag®): N-DYKDDDDK-C Flag® is a registered trademark of Sigma-Aldrich

* More validation images may be available on our website:

<http://www.origene.com/antibody/UM500001.aspx>

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.