

Name: anti-CK19 mouse monoclonal antibody, clone UMAB3
Product Data Sheet - UltraMAB

Catalog: UM500003

Gene Name: Homo sapiens keratin 19 (KRT19)
GeneBank accession: NM_002276
Isotype: IgG1

Reactivity: Dog
Test application: WB
Clone Name: Clone UMAB3

Gene Synonym: CK19; K19; K1CS

Guaranteed Applications: WB, IHC, 10K-CHIP

Suggested Dilutions: WB 1:1000, IHC 1:50

Immunogen: Recombinant fragment expressed in E.coli corresponding to amino acids 240-390 of human CK19

Components:

- anti-CK19 mouse monoclonal antibody, clone UMAB3 (UM500003)

Amount:

UM500003 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:

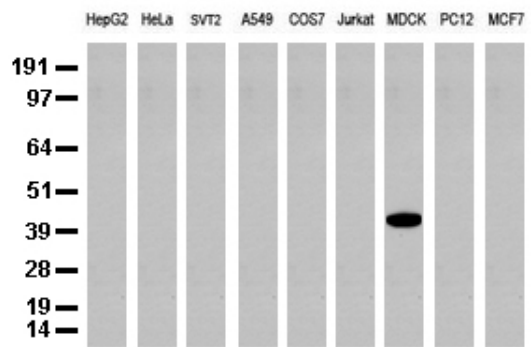
Purified from mouse ascites fluids by affinity chromatography

Background:

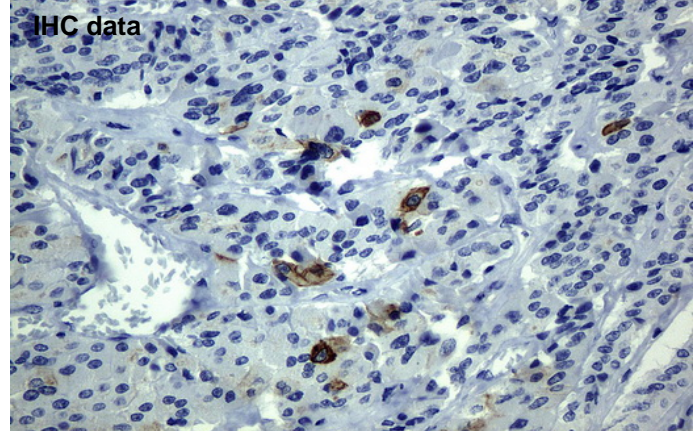
Keratin 19 is a member of the keratin family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. The type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains. Unlike its related family members, this smallest known acidic cytokeratin is not paired with a basic cytokeratin in epithelial cells. It is specifically expressed in the periderm, the transiently superficial layer that envelopes the developing epidermis.

Validation Data:

Western Blot



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-CK19 monoclonal antibody (Clone UMAB3) at 1:500.



Immunohistochemical staining of paraffin-embedded Carcinoma of thyroid tissue using anti-KRT19 mouse monoclonal antibody. (Clone UMAB3, 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/UM500003.aspx>

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