

KRT19 monoclonal antibody

Catalog: MB22814

Host: Mouse

Reactivity: Human, Rat

BackGround:

The protein encoded by this gene 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 envelops the developing epidermis. The type I cytokeratins are clustered in a region of chromosome 17q12-q21. [provided by RefSeq, Jul 2008]

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

44.1kDa

Swiss-Prot:

P08727

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1/500 - 1/2000 IHC:1/200 - 1/1000 FC:1/200 - 1/400

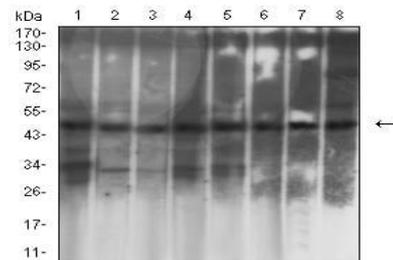
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

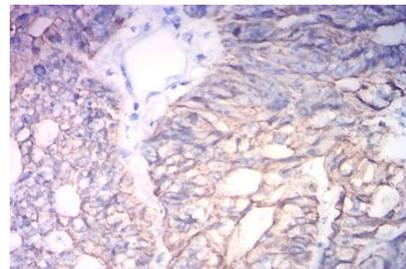
Isotype:

Mouse IgG1

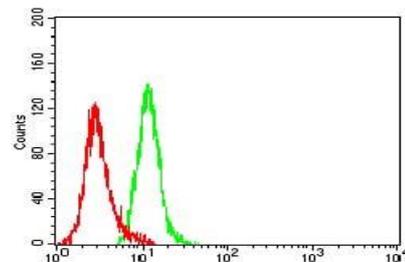
DATA:



Western blot analysis using KRT19 mouse mAb against T47D (1), MCF-7 (2), HepG2 (3), SW620 (4), HT-29 (5), HCT116 (6), PC-12 (7), and C6 (8) cell lysate.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissues using KRT19 mouse mAb with DAB staining.



Flow cytometric analysis of HeLa cells using KRT19 mouse mAb (green) and negative control (red).

Note:

For research use only, not for use in diagnostic procedure.

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