

KRT18 monoclonal antibody

Catalog: MB22829

Host: Mouse

Reactivity: Human

BackGround:

KRT18 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.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

48kDa

Swiss-Prot:

P05783

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 IF:1/500 - 1/2000
FC:1/200 - 1/400

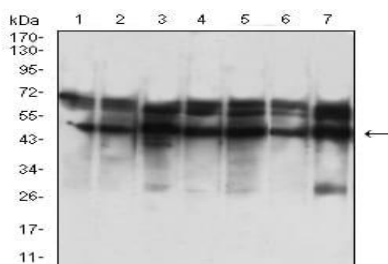
Storage&Stability:

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

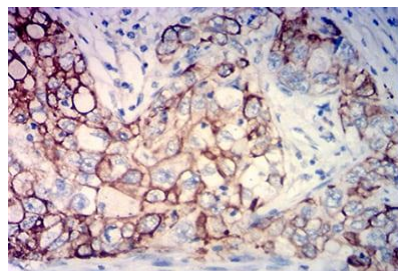
Isotype:

Mouse IgG1

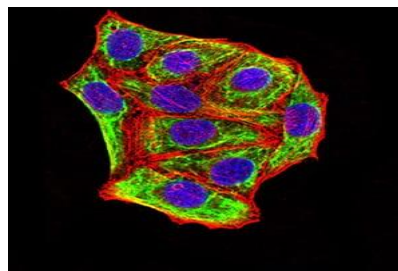
DATA:



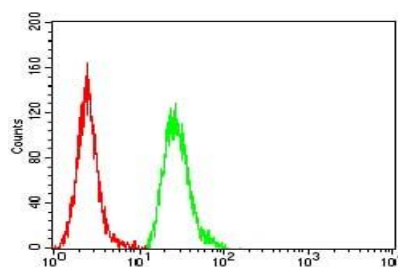
Western blot analysis using KRT18 mouse mAb against SK-BR-3 (1), HepG2 (2), T47D (3), MCF-7 (4), Hela (5), A431 (6), and HCT116 (7) cell lysate.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissues using KRT18 mouse mAb with DAB staining.



Immunofluorescence analysis of Hela cells using KRT18 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



Flow cytometric analysis of Hela cells using KRT18 mouse mAb (green) and negative control (red).

Note:

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

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