

KRT14 monoclonal antibody

Catalog: MB23347

Host: Mouse

Reactivity: Human, Monkey

BackGround:

This gene encodes a member of the keratin family, the most diverse group of intermediate filaments. This gene product, a type I keratin, is usually found as a heterotetramer with two keratin 5 molecules, a type II keratin. Together they form the cytoskeleton of epithelial cells. Mutations in the genes for these keratins are associated with epidermolysis bullosa simplex. At least one pseudo-gene has been identified at 17p12-p11.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

51.5kDa

Swiss-Prot:

P02533

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:1/200 - 1/1000
FC:1/200 - 1/400

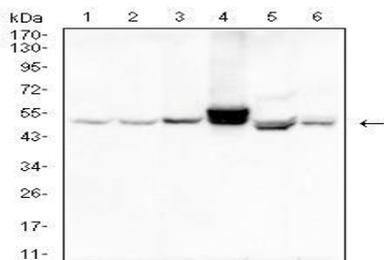
Storage&Stability:

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

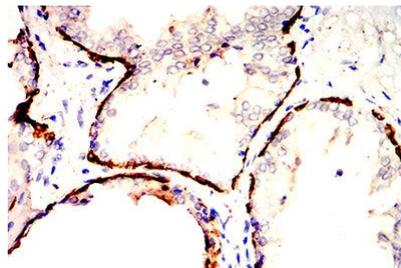
Isotype:

Mouse IgG1

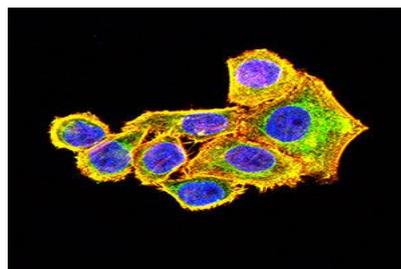
DATA:



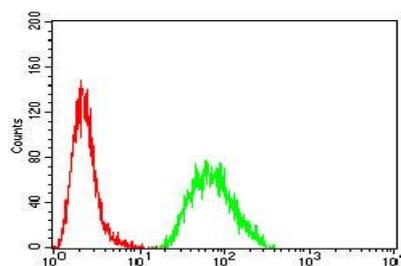
Western blot analysis using KRT14 mouse mAb against MCF-7 (1), HeLa (2), A431 (3), SW480 (4), T47D (5) and Molt-4 (6) cell lysate.



Immunohistochemical analysis of paraffin-embedded human prostatic cancer tissues using KRT14 mouse mAb with DAB staining.



Immunofluorescence analysis of HeLa cells using KRT14 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 KRT14 mouse mAb (green) and negative control (red).

Note:

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

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