A4854

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Cytokeratin 15 (KRT15) Rabbit mAb

Catalog No.: A4854 Recombinant 3 Publications

Basic Information

Observed MW
49kDa

Calculated MW
49kDa

Category
Monoclonal Antibody

Applications
WB,ELISA,IF-P

Cross-Reactivity
Human,Rat

Clone number
ARC0270

Background

The protein encoded by this gene is a member of the keratin gene family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. Most of the type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains and are clustered in a region on chromosome 17q21.2.

Recommended Dilutions

WB	1:500 - 1:1000
IF-P	1:50 - 1:200
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
3866

Swiss Prot
P19012

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
K15; CK15; K1CO; Cytokeratin 15 (KRT15)

Contact

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Product Information

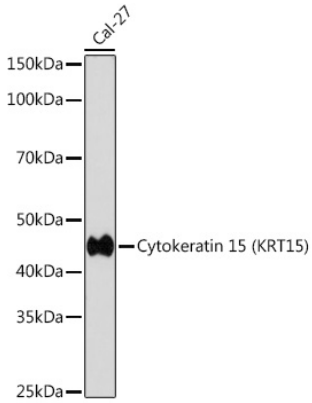
Source
Rabbit

Isotype
IgG

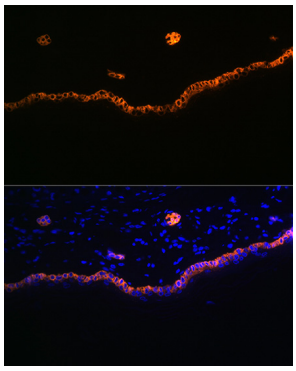
Purification
Affinity purification

Storage
Store at -20℃

Validation Data



Western blot analysis of lysates from CAL 27 cells, using Cytokeratin 15 (KRT15) Rabbit mAb (A4854) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 180s.



Immunofluorescence analysis of paraffin-embedded rat skin using Cytokeratin 15 (KRT15) (KRT15) Rabbit mAb (A4854) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

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