A2574

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Cytokeratin 7 (KRT7) Rabbit pAb

Catalog No.: A2574 3 Publications

Basic Information

Observed MW
51kDa

Calculated MW
51kDa

Category
Polyclonal Antibody

Applications
WB,ELISA,IF-P

Cross-Reactivity
Human,Mouse,Rat

Background

The protein encoded by this gene is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in the simple epithelia lining the cavities of the internal organs and in the gland ducts and blood vessels. The genes encoding the type II cytokeratins are clustered in a region of chromosome 12q12-q13. Alternative splicing may result in several transcript variants; however, not all variants have been fully described.

Recommended Dilutions

WB	1:500 - 1:2000
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
3855

Swiss Prot
P08729

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
K7; CK7; SCL; K2C7; Cytokeratin 7 (KRT7)

Contact

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Product Information

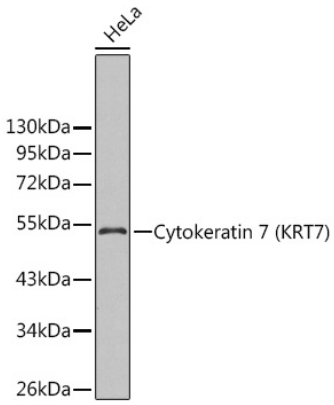
Source
Rabbit

Isotype
IgG

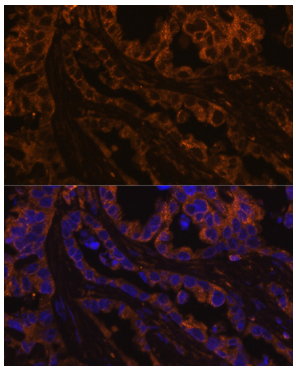
Purification
Affinity purification

Storage
Store at -20℃

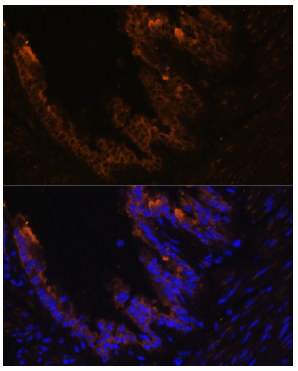
Validation Data



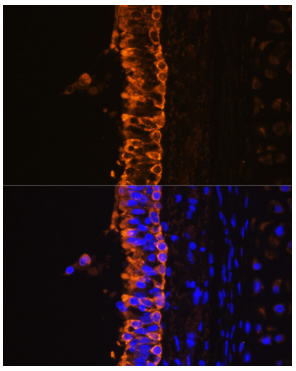
Western blot analysis of lysates from HeLa cells, using Cytokeratin 7 (KRT7) Rabbit pAb (A2574).
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.



Immunofluorescence analysis of paraffin-embedded human lung cancer using Cytokeratin 7 (KRT7) Rabbit pAb (A2574) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of paraffin-embedded mouse bronchus using Cytokeratin 7 (KRT7) Rabbit pAb (A2574) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of paraffin-embedded rat bronchus using Cytokeratin 7 (KRT7) Rabbit pAb (A2574) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.