

Cytokeratin 17 (KRT17) Rabbit pAb

Catalog No.: A2175

Basic Information

Observed MW

48kDa

Calculated MW

48kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC

Cross-Reactivity

Human

Background

This gene encodes the type I intermediate filament chain keratin 17, expressed in nail bed, hair follicle, sebaceous glands, and other epidermal appendages. Mutations in this gene lead to Jackson-Lawler type pachyonychia congenita and steatocystoma multiplex.

Recommended Dilutions

WB 1:500 - 1:2000

IF/ICC 1:20 - 1:100

Immunogen Information

Gene ID

3872

Swiss Prot

Q04695

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 133-432 of human Cytokeratin 17 (Cytokeratin 17 (KRT17)) (NP_000413.1).

Synonyms

PC; K17; PC2; 39.1; CK-17; PCHC1; Cytokeratin 17 (KRT17)

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

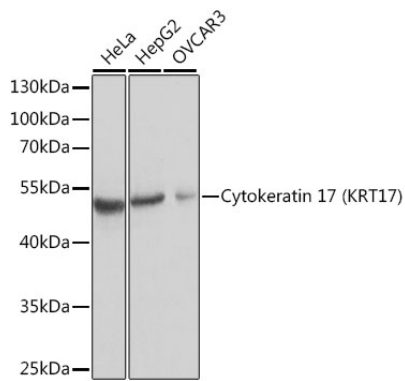
Affinity purification

Storage

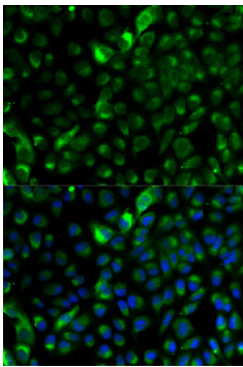
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

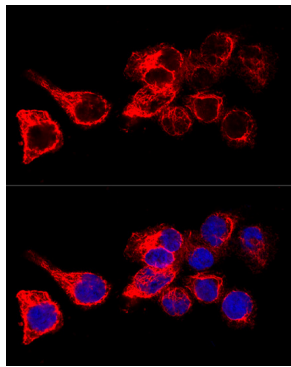
Validation Data



Western blot analysis of extracts of various cell lines, using Cytokeratin 17 (Cytokeratin 17 (KRT17)) antibody (A2175) at 1:1000 dilution.
Secondary antibody: HRP 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 A-549 cells using Cytokeratin 17 (Cytokeratin 17 (KRT17)) antibody (A2175). Blue: DAPI for nuclear staining.



Confocal immunofluorescence analysis of HeLa cells using Cytokeratin 17 (Cytokeratin 17 (KRT17)) antibody (A2175) at dilution of 1:200. Blue: DAPI for nuclear staining.