

Cytokeratin 17 Rabbit mAb

Catalog No.: A26619 **Recombinant**

Basic Information

Observed MW

50kDa

Calculated MW

48kDa

Category

Primary antibody

Applications

WB,IHC-P,IF/ICC,ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC70004

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 | 1:25000 - 1:150000 |
| IHC-P | 1:200 - 1:2000 |
| IF/ICC | 1:3200 - 1:12800 |
| ELISA | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |

Contact

| | |
|---|---------------------------|
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Immunogen Information

Gene ID

3872

Swiss Prot

Q04695

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 333-432 of human Cytokeratin 17 (NP_000413.1).

Synonyms

PC; K17; PC2; 39.1; CK-17; PCHC1

Product Information

Source

Rabbit

Isotype

IgG

Purification

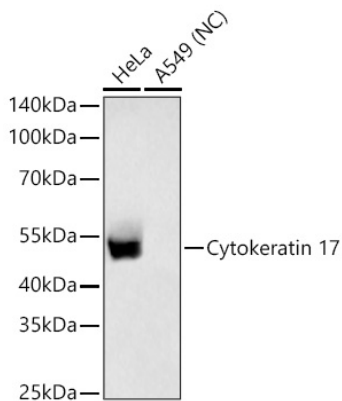
Affinity purification

Storage

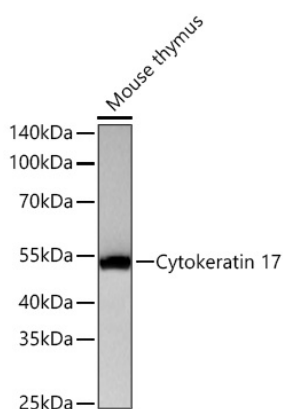
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide,0.05% BSA,50% glycerol,pH7.3.

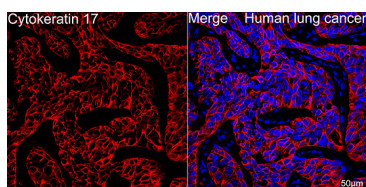
Validation Data



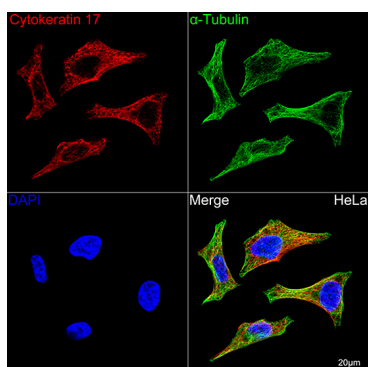
Western blot analysis of various lysates using Cytokeratin 17 Rabbit mAb (A26619) at 1:25000 dilution incubated overnight at 4°C.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
 Lysates/proteins: 25 µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit (RM00020).
 Negative control (NC): A549
 Exposure time: 5s.



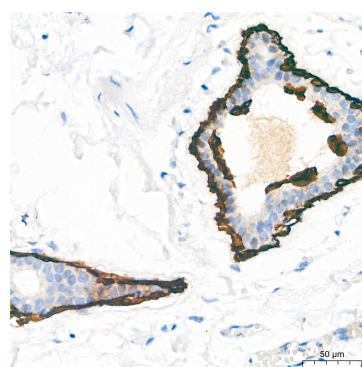
Western blot analysis of lysates from Mouse thymus using Cytokeratin 17 Rabbit mAb (A26619) at 1:25000 dilution incubated overnight at 4°C.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
 Lysates/proteins: 25 µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit (RM00020).
 Exposure time: 10s.



Confocal imaging of paraffin-embedded Human lung cancer tissue using Cytokeratin 17 Rabbit mAb (A26619, dilution 1:3200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.

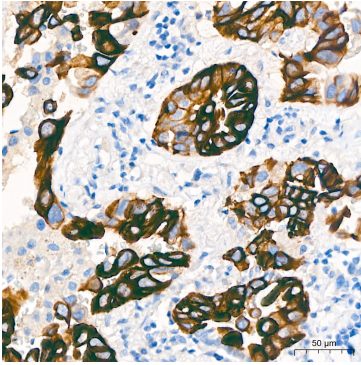


Confocal imaging of HeLa cells using Cytokeratin 17 Rabbit mAb (A26619, dilution 1:3200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with α -Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.

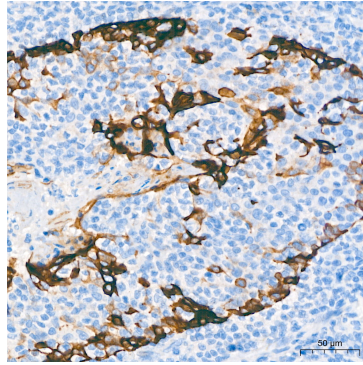


Immunohistochemistry analysis of paraffin-embedded Human breast tissue using Cytokeratin 17 Rabbit mAb (A26619) at a dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

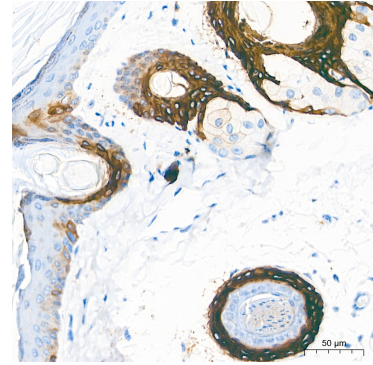
Validation Data



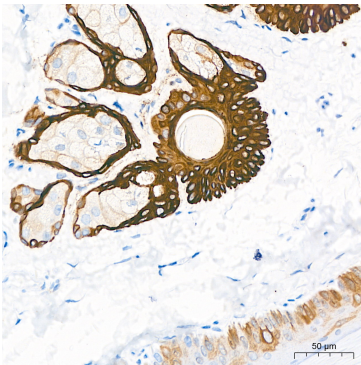
Immunohistochemistry analysis of paraffin-embedded Human lung squamous carcinoma tissue using Cytokeratin 17 Rabbit mAb (A26619) at a dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using Cytokeratin 17 Rabbit mAb (A26619) at a dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse skin tissue using Cytokeratin 17 Rabbit mAb (A26619) at a dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat skin tissue using Cytokeratin 17 Rabbit mAb (A26619) at a dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.