

Cytokeratin 17 Rabbit mAb

Catalog NO.: A26619 **Recombinant** **1 Publications**

Basic Information

Observed MW

48kDa

Calculated MW

48kDa

Category

Monoclonal Antibodies

Applications

WB, IF/ICC, IF-P, IHC-P, ELISA

Cross-Reactivity

Human, Mouse, Rat

Conjugation

Unconjugated

Clone 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
IF/ICC	1:3200 - 1:12800
IF-P	1:3200 - 1:12800
IHC-P	1:200 - 1:2000

ELISA

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

Contact

Immunogen Information

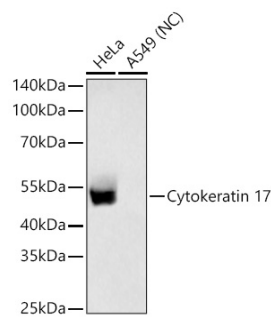
Gene ID	Swiss Prot
3872	Q04695
Immunogen	Synthetic peptide. This information is considered to be commercially sensitive.
Synonyms	PC; K17; PC2; 39.1; CK-17; PCHC1

Product Information

☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

Source	Isotype	Purification
Rabbit	IgG	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.

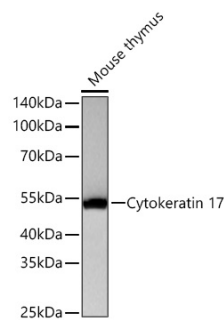
Lysates/proteins: 25 µg per lane.

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.

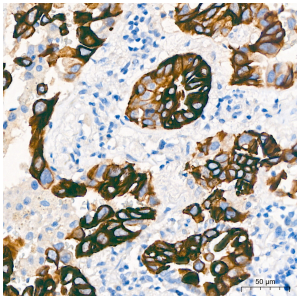
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

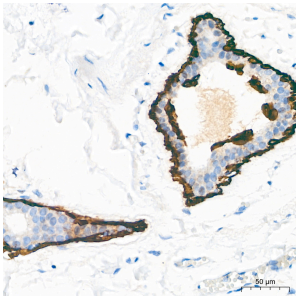
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

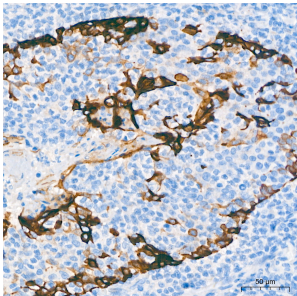
Exposure time: 10s.



Immunohistochemistry analysis of paraffin-embedded Human lung squamous carcinoma tissue using Cytokeratin 17 Rabbit mAb (A26619) at a dilution of 1:400 (40x lens).



Immunohistochemistry analysis of paraffin-embedded Human breast tissue using Cytokeratin 17 Rabbit mAb (A26619) at a dilution of 1:400 (40x lens).



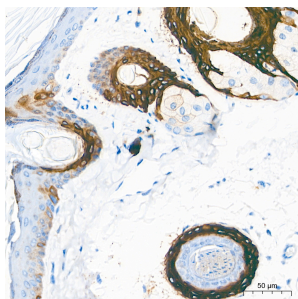
Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using Cytokeratin 17 Rabbit mAb (A26619) at a dilution of 1:400 (40x lens).

dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.

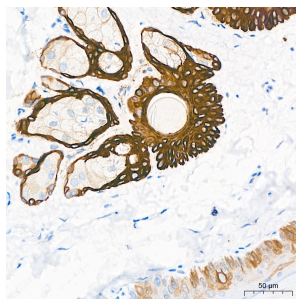
High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.

High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.

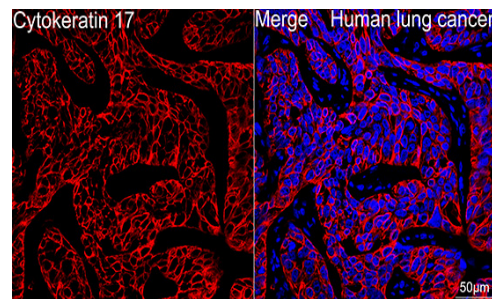
Validation Data



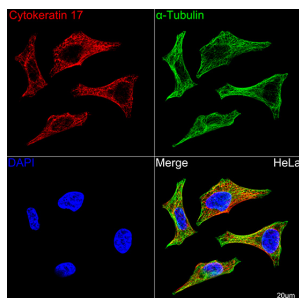
Immunohistochemistry analysis of paraffin-embedded Mouse skin tissue using Cytokeratin 17 Rabbit mAb (A26619) at a dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.



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.



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.

