

A2175

Leader in Biomolecular Solutions for Life Science



# Cytokeratin 17 (KRT17) Rabbit pAb

Catalog No.: A2175

## Basic Information

### Observed MW

48kDa

### Calculated MW

48kDa

### Category

Polyclonal Antibody

### Applications

WB,IF/ICC,ELISA

### 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

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

## Immunogen Information

### Gene ID

3872

### Swiss Prot

Q04695

### Immunogen

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

### Synonyms

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

## Contact



[www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

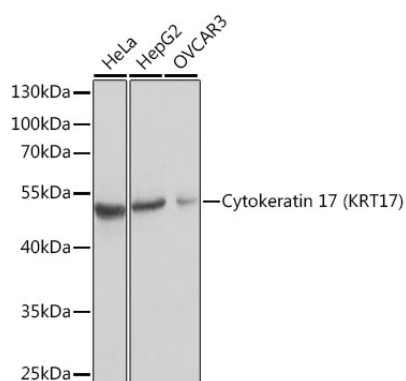
Affinity purification

### Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Validation Data

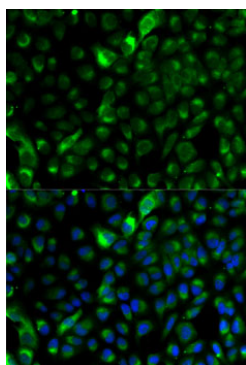


Western blot analysis of various lysates using Cytokeratin 17 (KRT17) Rabbit pAb (A2175) at 1:1000 dilution.

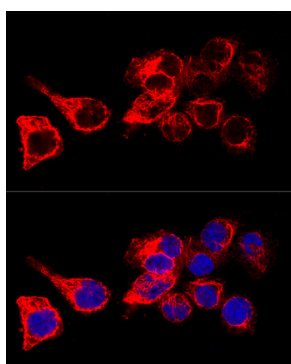
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.



Immunofluorescence analysis of A-549 cells using Cytokeratin 17 (KRT17) Rabbit pAb (A2175). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



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