

# Cytokeratin 14 (KRT14) Rabbit mAb

Catalog No.: A19039

Recombinant

6 Publications

## Basic Information

### Observed MW

53kDa

### Calculated MW

52kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P

### Cross-Reactivity

Human, Mouse, Rat

### CloneNo number

ARC0351

## Background

This gene encodes a member of the keratin family, the most diverse group of intermediate filaments. This gene product, a type I keratin, is usually found as a heterotetramer with two keratin 5 molecules, a type II keratin. Together they form the cytoskeleton of epithelial cells. Mutations in the genes for these keratins are associated with epidermolysis bullosa simplex. At least one pseudogene has been identified at 17p12-p11.

## Recommended Dilutions

WB 1:500 - 1:2000

IHC-P 1:50 - 1:200

## Immunogen Information

### Gene ID

3861

### Swiss Prot

P02533

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 264-457 of human Cytokeratin 14 (KRT14) (P02533).

### Synonyms

K14; NFJ; CK14; EBS1; EBS3; EBS4; EBS1A; EBS1B; EBS1C; EBS1D; Cytokeratin 14 (KRT14)

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

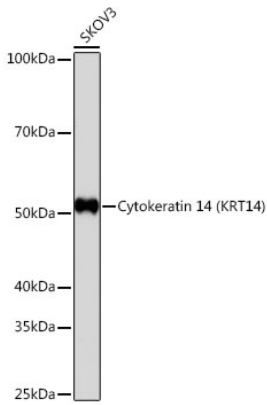
Affinity purification

### Storage

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

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

## Validation Data



Western blot analysis of lysates from SK-OV-3 cells, using Cytokeratin 14 (KRT14) Rabbit mAb (A19039) at 1:1000 dilution.

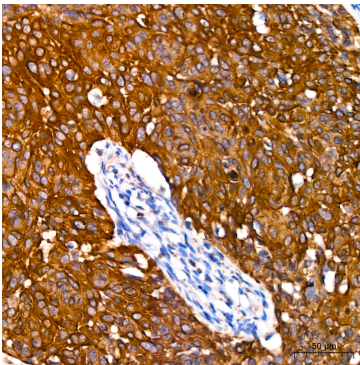
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

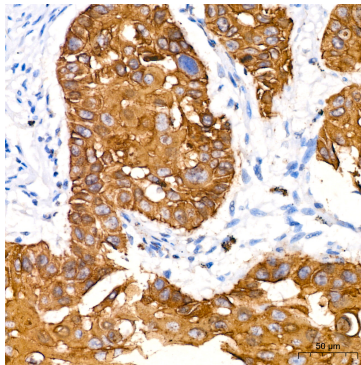
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

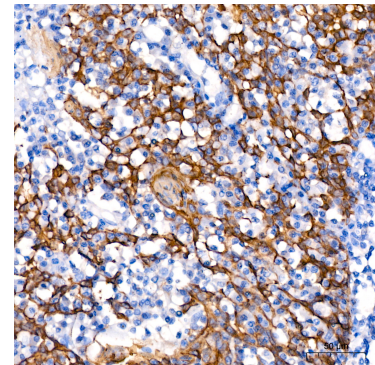
Exposure time: 3min.



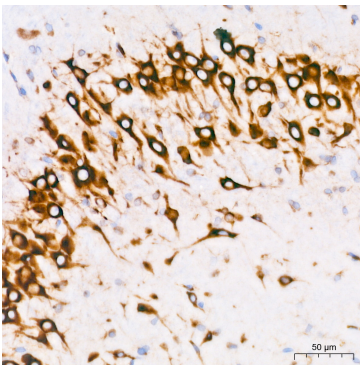
Immunohistochemistry analysis of Cytokeratin 14 (KRT14) in paraffin-embedded Human cervical squamous cell carcinoma using Cytokeratin 14 (KRT14) Rabbit mAb (A19039) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



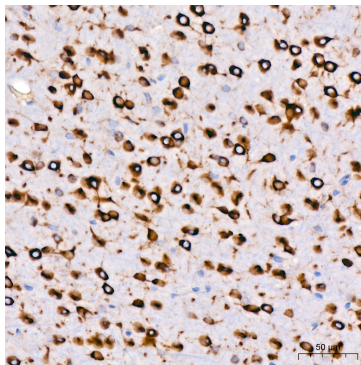
Immunohistochemistry analysis of Cytokeratin 14 (KRT14) in paraffin-embedded human lung squamous carcinoma tissue using Cytokeratin 14 (KRT14) Rabbit mAb (A19039) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of Cytokeratin 14 (KRT14) in paraffin-embedded human tonsil using Cytokeratin 14 (KRT14) Rabbit mAb (A19039) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of Cytokeratin 14 (KRT14) in paraffin-embedded rat brain using Cytokeratin 14 (KRT14) Rabbit mAb (A19039) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of Cytokeratin 14 (KRT14) in paraffin-embedded rat brain using Cytokeratin 14 (KRT14) Rabbit mAb (A19039) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.