

Rabbit anti-Human Cytokeratin 14 (KRT14) Monoclonal Antibody | anti-KRT14 antibody

Cytokeratin 14 (KRT14) Rabbit mAb

CATALOG # AAA28471	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

Cytokeratin 14 (KRT14); Monoclonal Antibody; Cytokeratin 14 (KRT14) Rabbit mAb; K14; NFJ; CK14; EBS1; EBS3; EBS4; EBS1A; EBS1B; EBS1C; EBS1D; anti-KRT14 antibody

PRODUCT SPECIFICATIONS

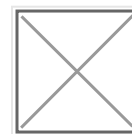
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	VGGDVNVEMD AAPGVDSLRI LNEMRDQYEK MAEKNRKDAE EWFFTKTEEL NREVATNSEL VQSGKSEISE LRRTMQNLEI ELQSQLSMKA SLENSLEETK GRYCMQLAQI QEMIGSVVEEQ LAQLRCEMEQ QNQEYKILLD VKTRLEQEIA TYRRLLGED AHLSSSQFSS GSQSSRDVTS SSRQIRTKVM DVHD
Applicable Applications for anti-KRT14 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Application Notes	WB: 1:1000-1:2000 IHC-P: 1:200-1:800 ELISA: Recommended starting concentration is 1ug/mL. Please optimize the concentration based on your specific assay requirements.
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 264-457 of human Cytokeratin 14 (KRT14)(P02533).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Rat brain using Cytokeratin 14 (KRT14) Rabbit mAb (AAA28471) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



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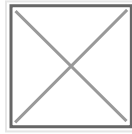
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human tonsil using Cytokeratin 14 (KRT14) Rabbit mAb (AAA28471) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



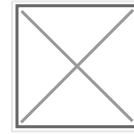
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human lung squamous carcinoma tissue using Cytokeratin 14 (KRT14) Rabbit mAb (AAA28471) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human cervical squamous cell carcinoma using Cytokeratin 14 (KRT14) Rabbit mAb (AAA28471) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



WB (Western Blot)

Western blot analysis of lysates from SK-OV-3 cells, using Cytokeratin 14 (KRT14) Rabbit mAb (AAA28471) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3min.

ADDITIONAL INFORMATION

Related Product Information for anti-KRT14 antibody	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.
Product Categories/Family for anti-KRT14 antibody	Signal Transduction; Cell Biology Developmental Biology; Cytoskeleton; Intermediate Filaments; Extracellular Matrix; Keratin; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	229463044
NCBI GeneID	3861
UniProt Accession #	P02533; Q14715; Q53XY3; Q9BUE3; Q9UBN2; Q9UBN3; Q9UCY4
Molecular Weight	Calculated MW: 52kDa Observed MW: 53kDa
UniProt Protein Name	Keratin, type I cytoskeletal 14
UniProt Gene Name	KRT14
UniProt Synonym Gene Names	CK-14; K14
UniProt Entry Name	K1C14_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cytokeratin-14-krt14-antibody-western-blot-immunohistochemistry-elisa/28471>