

Rabbit anti-Human Cytokeratin 19 (KRT19) Monoclonal Antibody | anti-KRT19 antibody

Cytokeratin 19 (KRT19) Rabbit PolymAb

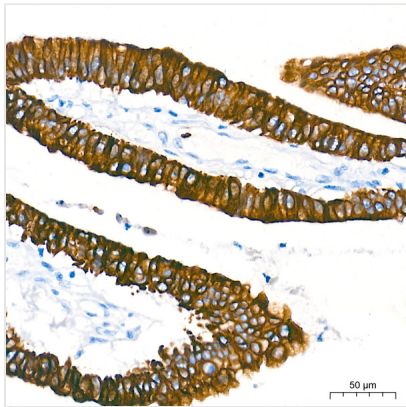
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28447	Rabbit	Human	Western Blot, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

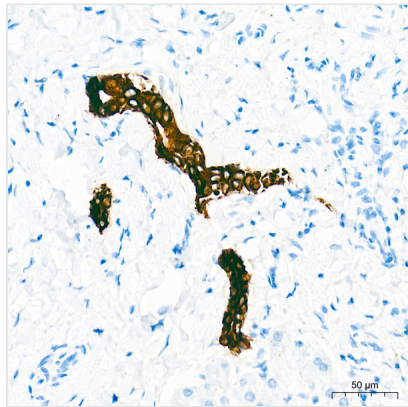
Cytokeratin 19 (KRT19); Monoclonal Antibody; Cytokeratin 19 (KRT19) Rabbit PolymAb; K19; CK19; K1CS; anti-KRT19 antibody

PRODUCT SPECIFICATIONS

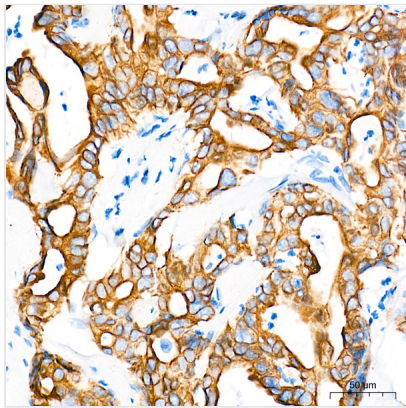
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	TDLAKILSDM RSQYEVMAEQ NRKDAEAWFT SRTEELNREV AGHTEQLQMS RSEVTLRRT LQGLEIELQS QLSMKAALED TLAETEARFG AQLAHIQALI SGIEAQLGDV RADSERQNQE YQRLMDIKSR LEQEIATYRS LLEGQEDHYN NLSASKVL
Applicable Applications for anti-KRT19 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Application Notes	WB: 1:1000-1:10000 IHC-P: 1:4000-1:20000 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 243-400 of human Cytokeratin 19 (KRT19)(NP_002267.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.



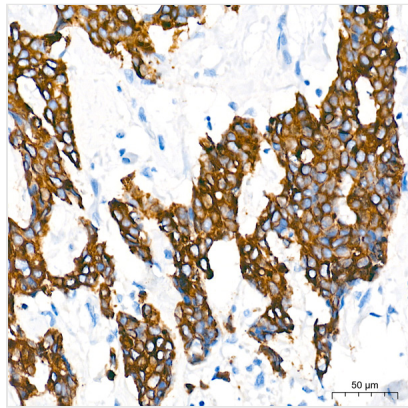
IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using Cytokeratin 19 (KRT19) Rabbit PolymAb® (AAA28447) at a dilution of 1:10000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.



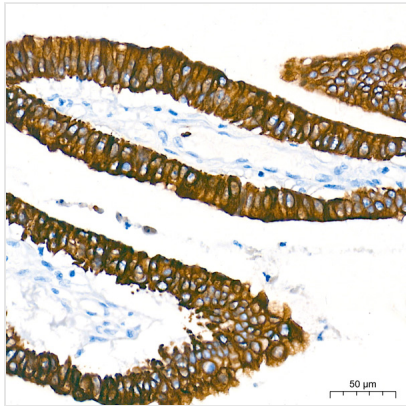
IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded Human liver tissue using Cytokeratin 19 (KRT19) Rabbit PolymAb® (AAA28447) at a dilution of 1:10000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.



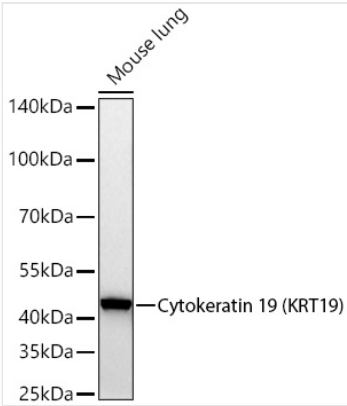
IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded Human hepatocholangiocarcinoma tissue using Cytokeratin 19 (KRT19) Rabbit PolymAb® (AAA28447) at a dilution of 1:10000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded Human breast cancer tissue using Cytokeratin 19 (KRT19) Rabbit PolymAb® (AAA28447) at a dilution of 1:10000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma tissue using Cytokeratin 19 (KRT19) Rabbit PolymAb® (AAA28447) at a dilution of 1:10000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.



WB (Western Blot)
Western blot analysis of lysates from Mouse lung using Cytokeratin 19 (KRT19) Rabbit PolymAb® (AAA28447) at 1:1000 dilution incubated overnight at 4?.Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25 ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-KRT19 antibody	The protein encoded by this gene is a member of the keratin family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. The type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains. Unlike its related family members, this smallest known acidic cytokeratin is not paired with a basic cytokeratin in epithelial cells. It is specifically expressed in the periderm, the transiently superficial layer that envelopes the developing epidermis. The type I cytokeratins are clustered in a region of chromosome 17q12-q21.
Product Categories/Family for anti-KRT19 antibody	Signal Transduction; Cell Biology Developmental Biology; Cytoskeleton; Intermediate Filaments; Extracellular Matrix; Keratin; Stem Cells; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	24234699
NCBI GeneID	3880
NCBI Accession #	NP_002267.2
NCBI GenBank Nucleotide #	NM_002276.4
UniProt Accession #	P08727; Q5XG83; Q6NW33; Q7L5M9; Q96A53; Q96FV1; Q9BYF9; Q9P1Y4; B2R874
Molecular Weight	Calculated MW: 44kDa Observed MW: 44kDa
UniProt Protein Name	Keratin, type I cytoskeletal 19
UniProt Gene Name	KRT19
UniProt Synonym Gene Names	CK-19; K19
UniProt Entry Name	K1C19_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/cytokeratin-19-krt19-antibody-western-blot-immunohistochemistry-elisa/28447>