

Cytokeratin 19 Polyclonal Antibody | anti-KRT19 antibody

Anti-Cytokeratin 19 Antibody

CATALOG # AAA46521	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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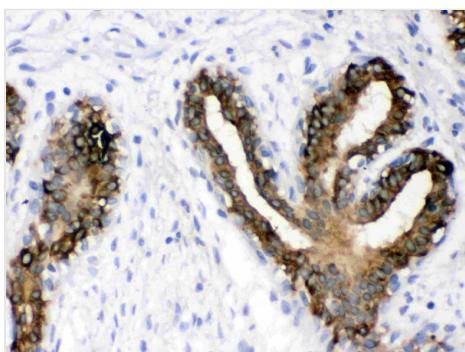
PRODUCT SYNONYMS

Cytokeratin 19; Polyclonal Antibody; Anti-Cytokeratin 19 Antibody; Keratin; 40 kDa keratin intermediate filament; CK 19; CK-19; ck19; Cytokeratin-19; k19; K1C19_HUMAN; k1cs; Keratin 19; Keratin type I 40 kD; Keratin type i 40kD; Keratin type I cytoskeletal 19; type I cytoskeletal 19; type I; 40 kd; Keratin-19; krt19; mgc15366; keratin 19; anti-KRT19 antibody

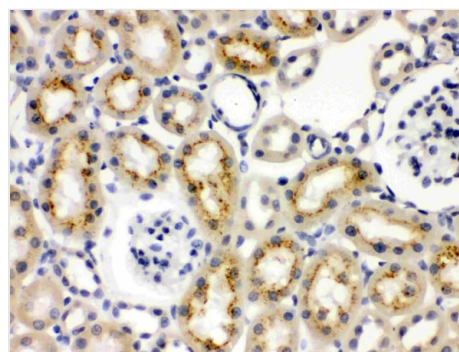
PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	400
Applicable Applications for anti-KRT19 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Cytokeratin 19 (334-372aa QLAHIQALISGIEAQLGDVRADSERQNQEYQRLMDIKSR), different from the related mouse and rat sequences by nine amino acids.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

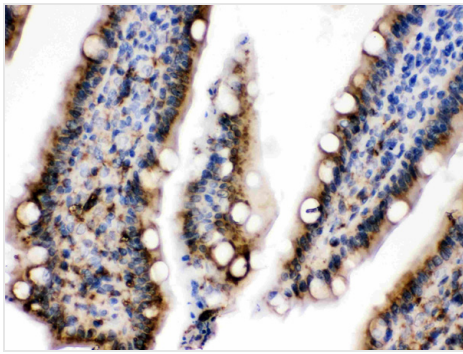
IMAGES



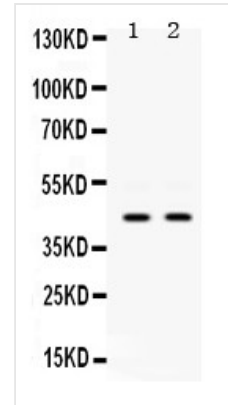
IHC (Immunohistochemistry)
Anti- Cytokeratin 19 Picoband antibody, AAA46521, IHC(P)IHC(P): Human Mammary Cancer Tissue



IHC (Immunohistochemistry)
Anti- Cytokeratin 19 Picoband antibody, AAA46521, IHC(P)IHC(P): Rat Kidney Tissue



IHC (Immunohistochemistry)
Anti- Cytokeratin 19 Picoband antibody, AAA46521, IHC(P)IHC(P): Mouse Intestine Tissue



WB (Western Blot)
Anti- Cytokeratin 19 Picoband antibody, AAA46521, Western blottingAll lanes: Anti Cytokeratin 19 (AAA46521) at 0.5ug/mlLane 1: Human Placenta Tissue Lysate at 50ugLane 2: MCF-7 Whole Cell Lysate at 40ugPredicted bind size: 44KDObserved bind size: 44KD

ADDITIONAL INFORMATION

Related Product Information for anti-KRT19 antibody	Description: Rabbit IgG polyclonal antibody for Keratin, type I cytoskeletal 19(KRT19) detection. Tested with WB, IHC-P in Human;Mouse;Rat. Background: Keratin, type I cytoskeletal 19 is a protein that in humans is encoded by the KRT19 gene. The protein encoded by this gene is a member of the keratin family. It is specifically expressed in the periderm, the transiently superficial layer that envelops the developing epidermis. The type I cytokeratins are clustered in a region of chromosome 17q12-q21. Due to its high sensitivity, KRT19 is the most used marker for the RT-PCR-mediated detection of tumor cells disseminated in lymph nodes, peripheral blood, and bone marrow of breast cancer patients. Keratin 19 is often used together with keratin 8 and keratin 18 to differentiate cells of epithelial origin from hematopoietic cells in tests that enumerate circulating tumor cells in blood.
References	1. "Entrez Gene: KRT19 keratin 19". 2. Schweizer J, Bowden PE, Coulombe PA, Langbein L, Lane EB, Magin TM, Maltais L, Omary MB, Parry DA, Rogers MA, Wright MW (Jul 2006). "New consensus nomenclature for mammalian keratins". J Cell Biol 174 (2): 169-74. 3. W. Jeffrey Allard, Jeri Matera, M. Craig Miller, et al. (October 2004). "Tumor Cells Circulate in the Peripheral Blood of All Major Carcinomas but not in Healthy Subjects or Patients With Nonmalignant Diseases". Clin. Cancer Research 10 (20): 6897-6904.

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	44,106 Da
NCBI Official Full Name	keratin, type I cytoskeletal 19
NCBI Official Synonym Full Names	keratin 19
NCBI Official Symbol	KRT19
NCBI Official Synonym Symbols	K19; CK19; K1CS
NCBI Protein Information	keratin, type I cytoskeletal 19
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cytokeratin-19-antibody-immunohistochemistry-western-blot-elisa/46521>