

Mouse Cytokeratin 19 (KRT19) Monoclonal Antibody | anti-KRT19 antibody

Cytokeratin 19 (KRT19) (Pancreatic Stem Cell Marker) Mouse Monoclonal Antibody

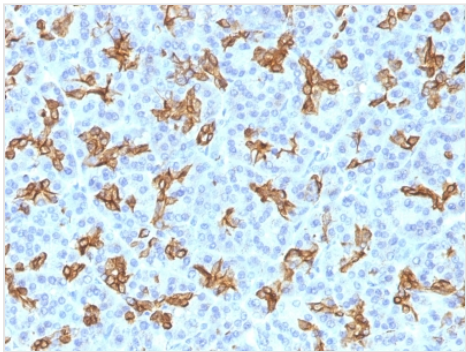
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA13824	Mouse	Human, Mouse, Rat	Flow Cytometry, Functional Assay, Immunofluorescence, Immunohistochemistry

PRODUCT SYNONYMS

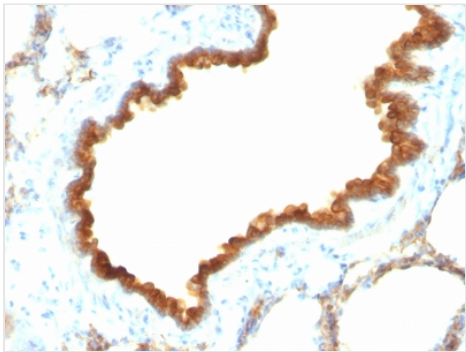
Cytokeratin 19 (KRT19); Monoclonal Antibody; Cytokeratin 19 (KRT19) (Pancreatic Stem Cell Marker) Mouse Monoclonal Antibody; k19; k1cs; Keratin 19 Keratin Type i 40kD; KRT19; anti-KRT19 antibody

PRODUCT SPECIFICATIONS

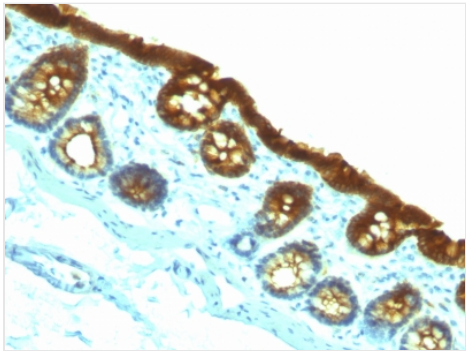
Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG1, kappa
Clone Number	KRT19/800
Specificity	Recognizes a protein of 40kDa, identified as cytokeratin-19 (CK19), which is expressed in sweat gland, mammary gland ductal and secretory cells, bile ducts, gastrointestinal tract, bladder urothelium, oral epithelia, esophagus, and ectocervical epithelium. Anti-CK19 reacts with a wide variety of epithelial malignancies including adenocarcinomas of the colon, stomach, pancreas, biliary tract, liver, and breast. Perhaps the most useful application is the identification of thyroid carcinoma of the papillary type, although 50%-60% of follicular carcinomas are also labeled. Anti-CK19 is a useful marker for detection of tumor cells in lymph nodes, peripheral blood, bone marrow and breast cancer.
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Sequence Length	400
Applicable Applications for anti-KRT19 antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), IHC (Immunohistochemistry)
Application Notes	Flow Cytometry (0.5-1ug/million cells in 0.1ml) Immunofluorescence (1-2ug/ml) Immunohistochemistry (Formalin-fixed) (0.5-1ug/ml for 30 min at RT) (Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Citrate Buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)
Cellular Localization	Cytoplasmic
Immunogen	Recombinant human KRT19 protein
Hu-Chromosome Location	17q21.2
Positive Control	MCF-7, HeLa cells, Breast Cancer
Preparation and Storage	Antibody with azide - store at 2 to 8 degree C. Antibody without azide - store at -20 to -80 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.



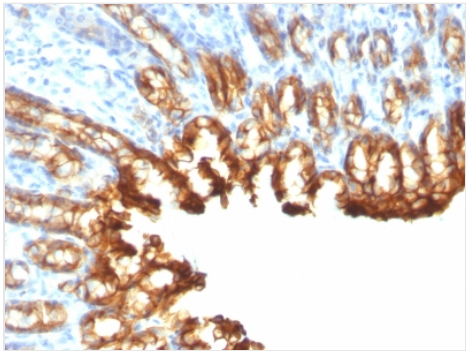
IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Pancreas stained with Cytokeratin 19 Monoclonal Antibody (KRT19/800)



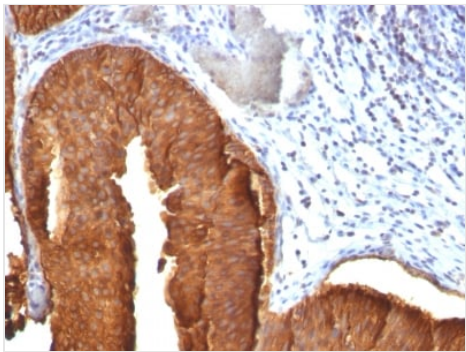
IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded Rat Lung stained with Cytokeratin 19 Monoclonal Antibody (KRT19/800)



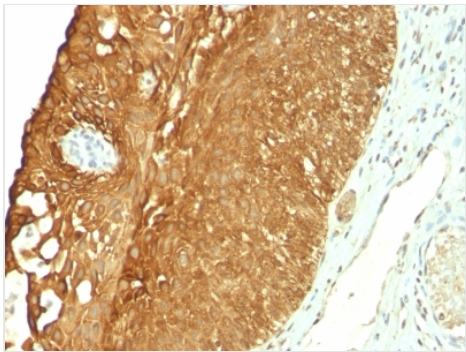
IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded Rat Colon stained with Cytokeratin 19 Monoclonal Antibody (KRT19/800)



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded Rat Stomach stained with Cytokeratin 19 Monoclonal Antibody (KRT19/800)



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Bladder Carcinoma stained with Cytokeratin 19 Monoclonal Antibody (KRT19/800)



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Cervical Carcinoma stained with Cytokeratin 19 Monoclonal Antibody (KRT19/800)

ADDITIONAL INFORMATION

References	Van Eyken, P., et al. 1991. Immunocytochemistry of cytokeratins in primary human liver tumors. APMIS Suppl. 23: 77-85. van der Velden, L.A., et al. 1993. Cytokeratin expression in normal and (pre)malignant head and neck epithelia: an overview. Head Neck 15: 133-146.
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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	40kDa
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/monoclonal/cytokeratin-19-krt19-antibody-clone-krt19-800-flow-cytometry-immunofluorescence-immunohistochemistry-elisa/13824>