

Mouse anti-Human CK19 Monoclonal Antibody | anti-CK19 antibody

Monoclonal Antibody to CK19 (Clone: A53-B/A2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA78584	Mouse	Human	Western Blot, Immunohistochemistry

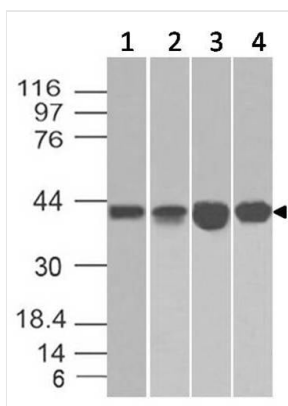
PRODUCT SYNONYMS

CK19; Monoclonal Antibody; Monoclonal Antibody to CK19 (Clone: A53-B/A2); KRT19; anti-CK19 antibody

PRODUCT SPECIFICATIONS

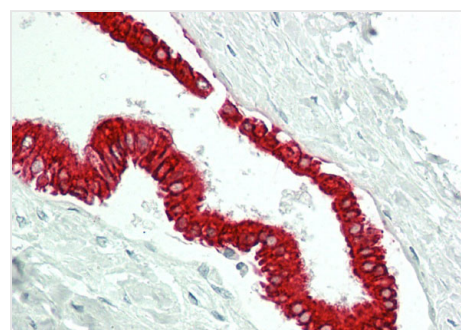
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG2a Kappa
Clone Number	A53-B/A2
Purity/Purification	Protein G Chromatography
Form/Format	Purified. 25ug in 50 ul/100ug in 200 ul PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Applicable Applications for anti-CK19 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	Human breast cancer MCF-7 cells were used as the immunogen for the Keratin-19 antibody.
Preparation and Storage	Store the antibody at 4 degree C; stable for 6 months. For long-term storage; store at -20 degree C. Avoid repeated freeze and thaw cycles.

IMAGES



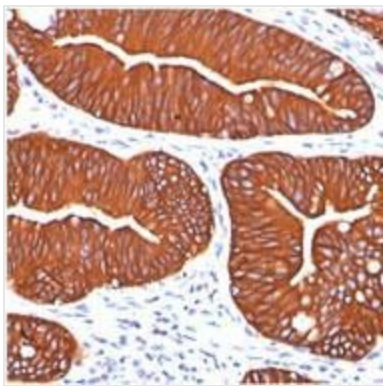
WB (Western Blot)

Figure-4: Western blot analysis of CK19. Anti CK19 antibody (Clone: A53-B/A2) was used at 1 ug/ml in (1) Mlapica-2, 0.1 ug/ml in (2) PANC-1, 0.01 ug/ml in (3) HCT-116 and (4) PC3 lysates.



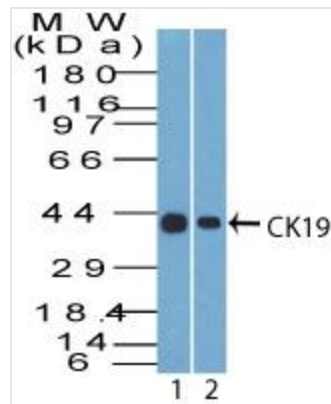
Application Data

Figure-3: Immunohistochemical analysis of CK19 in human Pancreas, Duct using CK19 antibody (Clone: A53-B/A2) at 10 ug/ml.



IHC (Immunohistochemistry)

Figure-2: Immunohistochemical analysis of CK19 in human colon cancer using CK19 antibody (Clone: A53-B/A2) at 1:100 dilution.



WB (Western Blot)

Figure-1: Western blot analysis of CK19. Anti CK19 antibody (Clone: A53-B/A2) was used at 1 ug/ml in 1) HepG2 and 2) MCF7 lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-CK19 antibody	Keratin-19 (K19) is a type I intermediate filament protein and one of the best characterized of the keratins expressed in mature striated muscle. Keratin-19 is expressed in a defined zone of basal keratinocytes in the deep outer root sheath of hair follicles. Also observed in sweat gland and mammary gland ductal and secretory cells, bile ducts, gastrointestinal tract, bladder urothelium, oral epithelia, esophagus, ectocervical epithelium. Keratin-19 has been used as a useful marker for detection of tumor cells in lymph nodes, peripheral blood, bone marrow and breast cancer. Immunohistochemical data has shown that Keratin-19 may be uses as a marker for human skin stem cells.
Product Categories/Family for anti-CK19 antibody	Antibodies ; Cancer Marker

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; CK-19; keratin-19; cytokeratin 19; cytokeratin-19; keratin, type I, 40-kd; 40-kDa keratin intermediate filament
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.

