

Rabbit Cytokeratin Monoclonal Antibody | anti-KRT77 antibody

Cytokeratin, pan (Epithelial Marker)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA214863	Rabbit	Human.Expected to show broad species reactivity.	Immunohistochemistry

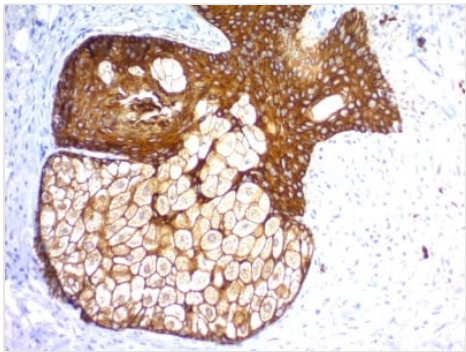
PRODUCT SYNONYMS

Cytokeratin; Monoclonal Antibody; pan (Epithelial Marker); K1B; KRT1B; Keratin; type II cytoskeletal 1b; K77; CK-1B; Keratin 1B; Keratin-77; Cytokeratin-1B; Type-II Keratin Kb39; anti-KRT77 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human. Expected to show broad species reactivity.
Clonality	Monoclonal
Isotype	IgG, kappa
Clone Number	KRTH/1576R + KRTL/1577R
Specificity	Twenty human keratins are resolved with two-dimensional gel electrophoresis into acidic (pI <5.7) and basic (pI >6.0) subfamilies. This antibody cocktail recognizes acidic (Type I or LMW) and basic (Type II or HMW) cytokeratins, which 67kDa (CK1); 64kDa (CK3); 59kDa (CK4); 58kDa (CK5); 56kDa (CK6); 52kDa (CK8); 56.5kDa (CK10); 50kDa (CK14); 50kDa (CK15); 48kDa (CK16); 40kDa (CK19). Many studies have shown the usefulness of keratins as markers in cancer research and tumor. It is a broad spectrum anti pan-cytokeratin antibody cocktail, which differentiates epithelial tumors from non-epithelial tumors e.g. squamous vs. adenocarcinoma of the lung, liver carcinoma, breast cancer, and esophageal cancer. It may be useful to characterize the source of various neoplasms and to study the distribution of cytokeratin containing cells in epithelia during normal development and during the development of epithelial neoplasms. This antibody stains cytokeratins present in normal and abnormal human tissues and has high sensitivity in the recognition of epithelial cells and carcinomas.
Purity/Purification	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml
Form/Format	200ug/ml of recombinant MAb purified 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	578
Applicable Applications for anti-KRT77 antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant full-length human KRT76 and KRT77 proteins
Positive Control	Skin, Adeno- or Squamous carcinomas
Cellular Localization	Cytoplasmic
Chromosome Location	17q21.2 (KRT77) & 12q13.13 (KRT76)
Preparation and Storage	Antibody with azide - store at 2-8°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Skin stained with Pan-Cytokeratin Recombinant Rabbit Monoclonal Antibody (KRTH/1576R + KRTL/1577R).

ADDITIONAL INFORMATION

Related Product Information for anti-KRT77 antibody	Recombinant Rabbit Monoclonal Antibody
References	Tseng SCG et. al. Cell 1982; 30361.; Woodcock-Mitchell J et. al. Journal of Cell Biology 1982; 95:580-8.

NCBI AND UNIPROT INFORMATION

NCBI GI #	194018511
NCBI GeneID	374454
NCBI Accession #	NP_778253.2
NCBI GenBank Nucleotide #	NM_175078.2
UniProt Accession #	Q7Z794; Q7RTS8
Molecular Weight	40-67kDa
NCBI Official Full Name	keratin, type II cytoskeletal 1b
NCBI Official Synonym Full Names	keratin 77
NCBI Official Symbol	KRT77
NCBI Official Synonym Symbols	K1B; KRT1B
NCBI Protein Information	keratin, type II cytoskeletal 1b
UniProt Protein Name	Keratin, type II cytoskeletal 1b
UniProt Gene Name	KRT77
UniProt Synonym Gene Names	KRT1B; CK-1B; K77

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-antibody-clone-krth-1576r-krtl-1577r-immunohistochemistry-elisa/214863>