

Rabbit Cytokeratin, Acidic Monoclonal Antibody | anti-KRT77 antibody

Cytokeratin, Acidic (Type I or LMW) (Epithelial Marker)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA214634	Rabbit	Human. Expected to show broad species reactivity.	Immunohistochemistry, Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay

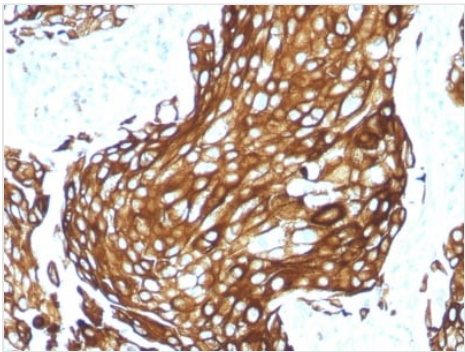
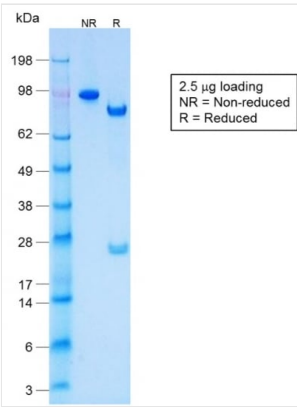
PRODUCT SYNONYMS

Cytokeratin; Acidic; Monoclonal Antibody; Acidic (Type I or LMW) (Epithelial Marker); K1B; KRT1B; K77; CK-1B; Keratin 1B; Keratin-77; Cytokeratin-1B; anti-KRT77 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human. Expected to show broad species reactivity.
Clonality	Monoclonal
Isotype	IgG
Clone Number	KRTL/1577R
Specificity	This MAb recognizes the 56.5kDa (CK10); 50kDa (CK14); 50kDa (CK15); 48kDa (CK16); 40kDa (CK19) keratins of the acidic (Type I or LMW) subfamily. Twenty human keratins are resolved with two-dimensional gel electrophoresis into acidic (pI < 5.7) and basic (pI > 6.0) subfamilies. The acidic keratins have molecular weights (MW) of 56.5, 55, 51, 50, 50, 48, 46, 45, and 40kDa. Many studies have shown the usefulness of keratins as markers in cancer research and tumor.
Form/Format	200ug/ml of Ab 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), WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Immunogen	Recombinant full-length human KRT77 protein
Cellular Localization	Cytoplasmic
Hu-chromosome Location	17q21.2
Positive Control	Skin, Squamous cell carcinoma (SCC)
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.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Lung Carcinoma stained with CytoKeratin, LMW Rabbit Recombinant Monoclonal Antibody (KRTL1577R).

SDS-PAGE
SDS-PAGE Analysis Purified CytoKeratin, LMW Rabbit Recombinant Monoclonal Antibody (KRTL1577R).

ADDITIONAL INFORMATION

References	Tseng SCG et. al. Cell 1982; 30361. Woodcock-Mitchell J et. al. Journal of Cell Biology 1982; 95:580-8.
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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	56.5kDa (CK10); 50kDa (CK14); 50kDa (CK15); 48kDa (CK16); 40kDa (CK19)
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cytoKeratin-acidic-antibody-clone-krtl-1577r-immunohistochemistry-western-blot-immunofluorescence-flow-cytometry-elisa/214634>