

Mouse anti-Human Cytokeratin, Type I Monoclonal Antibody | anti-KRT77 antibody

Cytokeratin, Type I (Epithelial Marker) Recombinant Mouse Monoclonal Antibody [Clone rKRTL/6616]

CATALOG # AAA216089	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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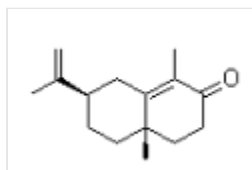
PRODUCT SYNONYMS

Cytokeratin; Type I; Monoclonal Antibody; Type I (Epithelial Marker) Recombinant Mouse Monoclonal Antibody [Clone rKRTL/6616]; Type I (Epithelial Marker); K1B; KRT1B; K77; CK-1B; Keratin 1B; Keratin-77; Cytokeratin-1B; anti-KRT77 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse/IgG1, kappa
Clone Number	rKRTL/6616
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.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)
Applicable Applications for anti-KRT77 antibody	IHC (Immunohistochemistry)
Antibody Type	Recombinant Antibody
Immunogen	Synthetic peptide corresponding to Type I Cytokeratins residues within aa100-200 of Type I Cytokeratins
Cellular Localization	Cytoplasmic
Positive Control	Skin or squamous cell carcinoma.
Hu-chromosome Location	17q21.2
Unigene	334989
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 skin stained with CK Type I Recombinant Mouse Monoclonal Antibody (rKRTL/6616).

ADDITIONAL INFORMATION

Related Product Information for anti-KRT77 antibody	The keratins are the typical intermediate filament proteins of epithelia, showing an outstanding degree of molecular diversity. Heteropolymeric filaments are formed by pairing of type I and type II molecules. In humans 54 functional keratin genes exist. They are expressed in highly specific patterns related to the epithelial type and stage of cellular differentiation. This antibody can detect high molecular weight CK10, CK14, CK15 and CK16 and low molecular weight CK19. It usually used in a cytokeratin cocktail with type II cytokeratin antibody.
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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	40-56.5kDa
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
UniProt Entry Name	K2C1B_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.