

Mouse Cytokeratin Antibody | anti-KRT76 antibody

Cytokeratin, Basic (Type II or HMW)

CATALOG # AAA215338	HOST Mouse	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry
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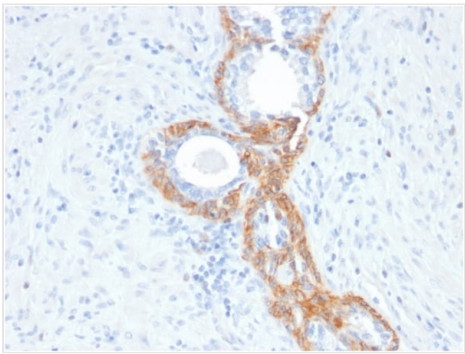
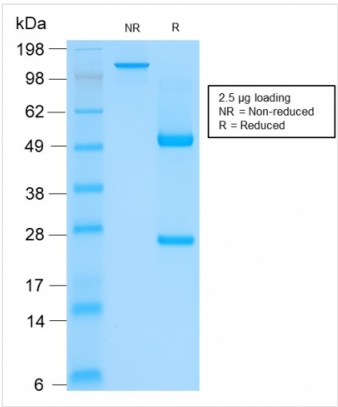
PRODUCT SYNONYMS

Cytokeratin; Basic (Type II or HMW); KRT2B; KRT2P; HUMCYT2A; Keratin; type II Cytoskeletal 2 oral; K76; Keratin 2p (K2P); Keratin-76; Cytokeratin-2P (CK-2P); Type-II Keratin Kb9; anti-KRT76 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Isotype	IgG1, kappa
Clone Number	rKRTH/2148
Specificity	This antibody recognizes CK1, CK5, CK10 and CK14. In normal epithelia, it stains stratified epithelia, myoepithelial cells and basal cells in the prostate gland and bronchi. This MAb shows no reactivity with hepatocytes, pancreatic acinar cells, proximal renal tubules, or endometrial glands; there is no reactivity with cells derived from simple epithelia. Mesenchymal tumors, lymphomas, melanomas, neural tumors, and neuroendocrine tumors are negative with this antibody. It stains myoepithelial cells and has been shown to be useful in distinguishing prostate adenocarcinoma from benign prostate. This antibody has also been useful in separating benign from malignant intraductal breast proliferations.
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 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	638
Applicable Applications for anti-KRT76 antibody	IHC (Immunohistochemistry)
Positive Control	PC12 cells, Skin, Prostate carcinoma.
Immunogen	Solubilized keratin extract from human stratum corneum
Cellular Localization	Cytoplasmic
Hu-chromosome Location	12q13.13
Antibody Type	Recombinant Mouse Monoclonal Antibody
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 Prostate Carcinoma stained with CK HMW Mouse Recombinant Monoclonal Antibody (rKRTH/2148).

SDS-PAGE
SDS-PAGE Analysis of Purified CK HMW Mouse Recombinant Monoclonal Antibody (rKRTH/2148). Confirmation of Integrity and Purity of Antibody.

ADDITIONAL INFORMATION

References	1. Varma M et. al. Mod Pathol 1999;12(5):472-8. 2. Moinfar F et. al. Am J Surg Pathol 1999;23(9):1048-58
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NCBI AND UNIPROT INFORMATION

NCBI GI #	153791670
NCBI GeneID	51350
NCBI Accession #	NP_056932.2
NCBI GenBank Nucleotide #	NP_056932.2
UniProt Accession #	Q01546
Molecular Weight	50-67kDa
NCBI Official Full Name	keratin, type II cytoskeletal 2 oral
NCBI Official Synonym Full Names	keratin 76
NCBI Official Symbol	KRT76
NCBI Official Synonym Symbols	KRT2B; KRT2P; HUMCYT2A
NCBI Protein Information	keratin, type II cytoskeletal 2 oral
UniProt Protein Name	Keratin, type II cytoskeletal 2 oral
UniProt Gene Name	KRT76
UniProt Synonym Gene Names	KRT2B; KRT2P; CK-2P; K2P; K76
UniProt Entry Name	K22O_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.