

Rabbit Cytokeratin, Basic Monoclonal Antibody | anti-KRT76 antibody

Cytokeratin, Basic (Type II or HMW) (Epithelial Marker)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA214635	Rabbit	Human. Expected to show broad species reactivity.	Immunohistochemistry, Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay

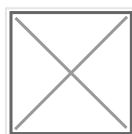
PRODUCT SYNONYMS

Cytokeratin; Basic; Monoclonal Antibody; Basic (Type II or HMW) (Epithelial Marker); 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

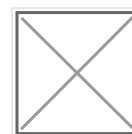
Host	Rabbit
Reactivity	Human. Expected to show broad species reactivity.
Clonality	Monoclonal
Isotype	IgG
Clone Number	KRTH/1576R
Specificity	This MAb recognizes basic (Type II or HMW) cytokeratins, which include 67kDa (CK1); 64kDa (CK3); 59kDa (CK4); 58kDa (CK5); 56kDa (CK6); 52kDa (CK8). Twenty human 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. MAb AE3 recognizes the 65-67, 64, 59, 58, 56, and 52kDa keratins of basic subfamily. Many studies have shown the usefulness of keratins as markers in cancer research and tumor.
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	638
Applicable Applications for anti-KRT76 antibody	IHC (Immunohistochemistry), WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Immunogen	Recombinant full-length human KRT76 protein
Cellular Localization	Cytoplasmic
Hu-chromosome Location	12q13.13
Positive Control	Epithelial cells, Skin or Adenocarcinomas
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



SDS-PAGE

SDS-PAGE Analysis Purified Cytokeratin, HMW Rabbit Recombinant Monoclonal Antibody (KRTH/1576R).



IHC (Immunohistochemistry)

Formalin-fixed, paraffin-embedded human Skin stained with Cytokeratin, HMW Rabbit Recombinant Monoclonal Antibody (KRTH/1576R).



IHC (Immunohistochemistry)

Formalin-fixed, paraffin-embedded human Skin stained with Cytokeratin, HMW Rabbit Recombinant Monoclonal Antibody (KRTH/1576R).

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 #	153791670
NCBI GeneID	51350
NCBI Accession #	NP_056932.2
NCBI GenBank Nucleotide #	NM_015848.4
UniProt Accession #	Q01546; Q7Z795; B4DRR3
Molecular Weight	52-67kDa
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

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-basic-antibody-clone-krth-1576r-immunohistochemistry-western-blot-immunofluorescence-flow-cytometry-elisa/214635>