

Rabbit Cytokeratin 15 (KRT15) Monoclonal Antibody | anti-KRT15 antibody

Cytokeratin 15 (KRT15) (Basal Cell Marker)

CATALOG # AAA214425	HOST Rabbit	REACTIVITY Human, Rat, Cow. Others not known.	APPLICATIONS Immunohistochemistry
-------------------------------	-----------------------	---	---

PRODUCT SYNONYMS

Cytokeratin 15 (KRT15); Monoclonal Antibody; Cytokeratin 15 (KRT15) (Basal Cell Marker); CK15; Cytokeratin 15; K1CO; Ka15; Keratin 15 basic; Keratin 15 beta; Keratin complex 1 acidic gene 15; Keratin type I cytoskeletal 15; KRT15; KRTB; KRTL15; Type I cytoskeletal 15; Type I keratin Ka15; anti-KRT15 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat, Cow. Others not known.
Clonality	Monoclonal
Isotype	IgG
Clone Number	KRT15/2103R
Specificity	Keratins are a family of intermediate filament proteins that assemble into filaments through forming heterodimers of one type I keratin (keratins 9 to 23) and one type II keratin (keratins 1 to 8). Keratins demonstrate tissue and differentiation specific expression profiles. Keratin 15 is a type I keratin which is expressed only in basal keratinocytes in stratified epithelia and does not appear to have a natural type II expression partner. Keratin 15 is down regulated in activated keratinocytes. Cytokeratin 15 is a specific marker of stem cells of the hair-follicle bulge and may be a useful marker for between basal cell carcinoma (BCC) and trichoepithelioma. Trichoblastoma are benign neoplasms of follicular differentiation frequently found in nevus sebaceous. Many morphologic features are shared with nodular basal cell carcinoma, sometimes rendering a difficult. Trichoblastoma and BCC show variable expression of Cytokeratin 15 and Cytokeratin 19, and absence of hair keratins.
Form/Format	200ug/ml of Ab purified by Protein A Column. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Sequence Length	456
Applicable Applications for anti-KRT15 antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant full-length of human KRT15 protein
Cellular Localization	Cytoplasmic
Hu-chromosome Location	17q21.2
Positive Control	A431 cells. Skin or Colon
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 15 Rabbit Recombinant Monoclonal Ab (KRT15/2103R).



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Prostate stained with Cytokeratin 15 Rabbit Recombinant Monoclonal Ab (KRT15/2103R).



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Skin stained with Cytokeratin 15 Rabbit Recombinant Monoclonal Ab (KRT15/2103R).

ADDITIONAL INFORMATION

References	Porter et al. 2000. Lab Invest. 80(11):1701-10. Inoue et al. 2009. Lab Invest. 89(8):844-56.
------------	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	24430190
NCBI GeneID	3866
NCBI Accession #	NP_002266.2
NCBI GenBank Nucleotide #	NM_002275.3
UniProt Accession #	P19012; Q53XV8; Q9BUG4; B3KQY1; B3KRA2; E0CX14
Molecular Weight	52kDa
NCBI Official Full Name	keratin, type I cytoskeletal 15
NCBI Official Synonym Full Names	keratin 15
NCBI Official Symbol	KRT15
NCBI Official Synonym Symbols	K15; CK15; K1CO
NCBI Protein Information	keratin, type I cytoskeletal 15
UniProt Protein Name	Keratin, type I cytoskeletal 15
UniProt Gene Name	KRT15
UniProt Synonym Gene Names	KRTB; CK-15; K15

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-15-krt15-antibody-clone-krt15-2103r-immunohistochemistry-elisa/214425>