

Rabbit Cytokeratin 16 (KRT16) Monoclonal Antibody | anti-KRT16 antibody

Cytokeratin 16 (KRT16) (Suprabasal Keratinocyte Marker)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA214427	Rabbit	Human. Others not known.	Immunohistochemistry, Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay

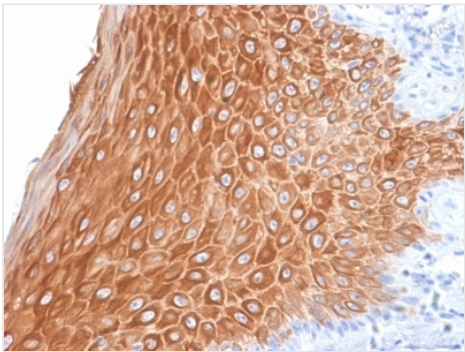
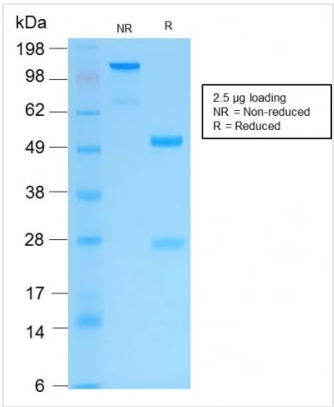
PRODUCT SYNONYMS

Cytokeratin 16 (KRT16); Monoclonal Antibody; Cytokeratin 16 (KRT16) (Suprabasal Keratinocyte Marker); CK16; Cytokeratin-16; Focal non epidermolytic palmoplantar keratoderma (FNEPPK / NEPPK); K1CP; Keratin Type I Cytoskeletal 16; Keratin-16; KRT16A; anti-KRT16 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human. Others not known.
Clonality	Monoclonal
Isotype	IgG
Clone Number	KRT16/2043R
Specificity	Cytokeratins are a family of intermediate filament proteins that assemble into filaments through forming heterodimers of one type I Cytokeratins (Cytokeratins 9 to 23) and one type II Cytokeratins (keratins 1 to 8). The cytokeratin proteins play a critical role in differentiation, as well as tissue specialization and function, to maintain the overall structural integrity of epithelial cells. Cytokeratins are also useful markers in identifying the origin of metastatic tumors. Cytokeratin 16 is expressed in benign stratified squamous epithelium and squamous cell carcinoma of the head and neck, as well as luminal cells of mammary gland and sweat ducts. It is absent in non-invasive breast carcinomas and normal breast tissue.
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	473
Applicable Applications for anti-KRT16 antibody	IHC (Immunohistochemistry), WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Immunogen	Recombinant full-length human KRT16 protein
Cellular Localization	Cytoplasmic
Hu-chromosome Location	17q21.2
Positive Control	HeLa cells. Tonsil, Skin, Bladder, or Cervix.
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 Cytokeratin 16 Rabbit Recombinant Monoclonal Antibody (KRT16/2043R).

SDS-PAGE
SDS-PAGE Analysis Purified Cytokeratin 16 Rabbit Recombinant Monoclonal Antibody (KRT16/2043R).

ADDITIONAL INFORMATION

References	Porter et al. 2000. Lab Invest. 80(11):1701-10. Markey et al. 1992. Br J Dermatol. 126(2):154-60. Wetzels et al. 1991. Am J Pathol. 138(3):751-63.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	24430192
NCBI GeneID	3868
NCBI Accession #	NP_005548.2
NCBI GenBank Nucleotide #	NM_005557.3
UniProt Accession #	P08779; P30654; Q16402; Q9UBG8; A8K488
Molecular Weight	48kDa
NCBI Official Full Name	keratin, type I cytoskeletal 16
NCBI Official Synonym Full Names	keratin 16
NCBI Official Symbol	KRT16
NCBI Official Synonym Symbols	K16; PC1; CK16; K1CP; NEPPK; FNEPPK; KRT16A
NCBI Protein Information	keratin, type I cytoskeletal 16
UniProt Protein Name	Keratin, type I cytoskeletal 16
UniProt Gene Name	KRT16
UniProt Synonym Gene Names	KRT16A; CK-16; K16

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-16-kr16-antibody-clone-kr16-2043r-immunohistochemistry-western-blot-immunofluorescence-flow-cytometry-elisa/214427>