

Rabbit anti-Human KRT13 Polyclonal Antibody | anti-KRT13 antibody

KRT13 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288955	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

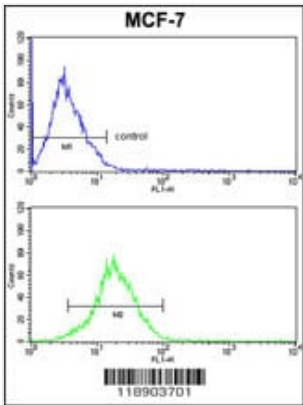
PRODUCT SYNONYMS

KRT13; Polyclonal Antibody; KRT13 Antibody (N-term); Keratin; type I cytoskeletal 13; Cytokeratin-13; CK-13; Keratin-13; K13; anti-KRT13 antibody

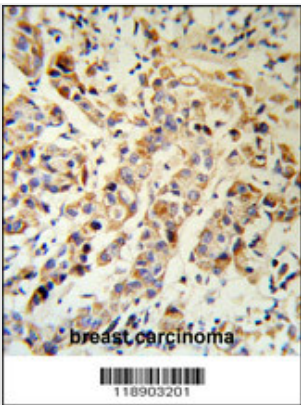
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This KRT13 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 106-138 amino acids from the N-terminal region of human KRT13.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	106-138
Sequence Length	420
Applicable Applications for anti-KRT13 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

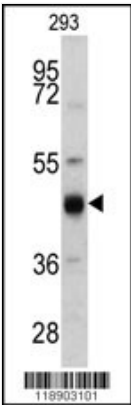
IMAGES



FCM/FACS (Flow Cytometry)
KRT13 Antibody (N-term) FC analysis of MCF-7 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
KRT13 Antibody (N-term) (RB18903) IHC analysis in formalin fixed and paraffin embedded human breast carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the KRT13 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of KRT13 antibody (N-term) in 293 cell line lysates (35ug/lane). KRT13 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-KRT13 antibody	KRT13 is a member of the keratin gene family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. Most of the type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains. This type I cytokeratin is paired with keratin 4 and expressed in the suprabasal layers of non-cornified stratified epithelia. Mutations in its gene and keratin 4 have been associated with the autosomal dominant disorder White Sponge Nevus.
Product Categories/Family for anti-KRT13 antibody	Cancer; Cell Biology; Signal transduction
References	Sheng,S., Mol. Cell. Endocrinol. 296 (1-2), 1-9 (2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	131412228
NCBI GeneID	3860
NCBI Accession #	NP_002265.2; NP_705694.2
NCBI GenBank Nucleotide #	NM_002274.3
UniProt Accession #	P13646; Q53G54; Q6AZK5; Q8N240

Molecular Weight	49588
NCBI Official Full Name	keratin, type I cytoskeletal 13 isoform b
NCBI Official Synonym Full Names	keratin 13, type I
NCBI Official Symbol	KRT13
NCBI Official Synonym Symbols	K13; CK13; WSN2
NCBI Protein Information	keratin, type I cytoskeletal 13
UniProt Protein Name	Keratin, type I cytoskeletal 13
UniProt Gene Name	KRT13
UniProt Synonym Gene Names	CK-13; K13
UniProt Entry Name	K1C13_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/krt13-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/288955>