

Rabbit anti-Human KRT9 Polyclonal Antibody | anti-KRT9 antibody

KRT9 Antibody (Center K317)

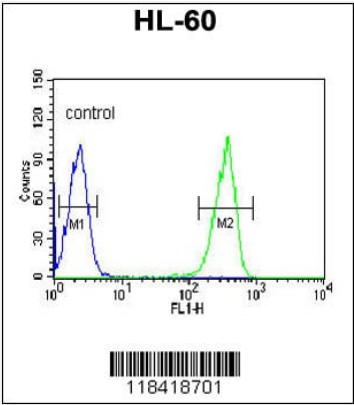
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285630	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

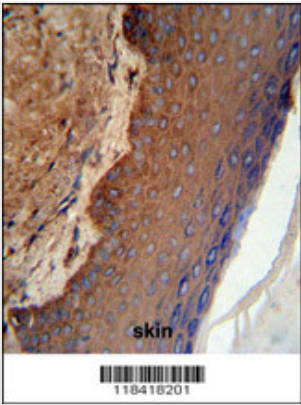
KRT9; Polyclonal Antibody; KRT9 Antibody (Center K317); Keratin; type I cytoskeletal 9; Cytokeratin-9; CK-9; Keratin-9; K9; anti-KRT9 antibody

PRODUCT SPECIFICATIONS

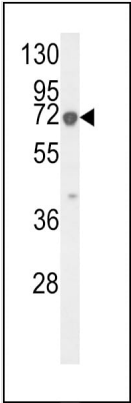
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This KRT9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 302-331 amino acids from the Central region of human KRT9.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	302-331
Sequence Length	623
Applicable Applications for anti-KRT9 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.



FCM/FACS (Flow Cytometry)
KRT9 Antibody (Center K317) flow cytometric analysis of HL-60 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
KRT9 Antibody (Center K317) IHC analysis in formalin fixed and paraffin embedded skin tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the KRT9 Antibody (Center K317) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of KRT9 Antibody (Center K317) in HL-60 cell line lysates (35ug/lane). KRT9 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-KRT9 antibody	KRT9 is the type I keratin 9, an intermediate filament chain expressed only in the terminally differentiated epidermis of palms and soles. Mutations in this protein cause epidermolytic palmoplantar keratoderma.
Product Categories/Family for anti-KRT9 antibody	Signal Transduction
References	Feng,W., Han,W. Eur J Dermatol 18 (4), 387-390 (2008) Zhao,J.J., Zhang,Z.H. Int. J. Dermatol. 47 (6), 634-637 (2008) Torchard,D., Blanchet-Bardon,C. Nat. Genet. 6 (1), 106-110 (1994) Reis,A., Kuster,W. Hum. Genet. 90 (1-2), 113-116 (1992)

NCBI AND UNIPROT INFORMATION

NCBI GI #	55956899
NCBI GeneID	3857
NCBI Accession #	NP_000217.2
NCBI GenBank Nucleotide #	NM_000226.3
UniProt Accession #	P35527; O00109; Q0IJ47; Q14665

Molecular Weight	62064
NCBI Official Full Name	keratin, type I cytoskeletal 9
NCBI Official Synonym Full Names	keratin 9, type I
NCBI Official Symbol	KRT9
NCBI Official Synonym Symbols	K9; CK-9; EPPK
NCBI Protein Information	keratin, type I cytoskeletal 9
UniProt Protein Name	Keratin, type I cytoskeletal 9
UniProt Gene Name	KRT9
UniProt Synonym Gene Names	CK-9; K9
UniProt Entry Name	K1C9_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/krt9-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/285630>