KRT9 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	KRT9, Polyclonal Antibody
Full Product Name	KRT9 Conjugated Antibody
Product Gene Name	anti-KRT9 antibody
Product Synonym Names	K9; CK-9; EPPK
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Specificity	The antibody detects endogenous levels of total KRT9 protein.
Preparation and Storage	Store at 4 degree C for 6 months.
Molecular Weight	62kDa
OMIM	Z29074 mRNA
3D Structure	ModBase 3D Structure for P35527
Immunogen	Synthetic peptide of human KRT9
Conjugation	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Excitation Emission	AF350: 346nm/442nm
Applications Tested/Suitable for anti-KRT9 antibody	Most Applications
Application Notes for anti-KRT9 antibody	Suggested Dilution: AF350 conjugated: most applications: 1:50-1:250 AF405 conjugated: most applications: 1:50-1:250 AF488 conjugated: most applications: 1:50-1:250 AF555 conjugated: most applications: 1:50-1:250 AF594 conjugated: most applications: 1:50-1:250 AF647 conjugated: most applications: 1:50-1:250 AF680 conjugated: most applications: 1:50-1:250 AF750 conjugated: most applications: 1:50-1:250 Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1:50-1:1000
Related Product Information for anti-KRT9 antibody	This gene encodes the type I keratin 9, an intermediate filament chain expressed only in the terminally differentiated epidermis of palms and soles. Mutations in this gene cause epidermolytic palmoplantar keratoderma.
Other Notes	Small volumes of anti-KRT9 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for KRT9 purchase	MBS9455003 is an antibody targeting KRT9. Also known as KRT9 Conjugated Antibody. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for KRT9. It may not necessarily be applicable to this product.

NCBI GI #	55956899
NCBI GeneID	3857
NCBI Accession #	NP_000217
UniProt Primary Accession #	P35527
UniProt Related Accession #	P35527
GenBank Nucleotide #	NM_000226
NCBI Official Full Name	keratin, type I cytoskeletal 9
NCBI Official Synonym Full Names	keratin 9
NCBI Official Symbol	KRT9
NCBI Official Synonym Symbols	K9; CK-9; EPPK
UniProt Protein Name	Keratin, type I cytoskeletal 9
UniProt Synonym Protein Names	Cytokeratin-9; CK-9; Keratin-9; K9
Protein Family	Keratin
UniProt Gene Name	KRT9
UniProt Synonym Gene Names	CK-9; K9
NCBI Protein Information	keratin, type I cytoskeletal 9
UniProt Comments for KRT9	May serve an important special function either in the mature palmar and plantar skin tissue or in the morphogenetic program of the formation of these tissues. Plays a role in keratin filament assembly.
Research Articles on KRT9	**1.** A novel heterozygous c.1369C>T transition (p.Leu457Phe) in exon 6 of the KRT9 gene was identified in four patients in a Chinese Family with Epidermolytic Palmoplantar Keratoderma.
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