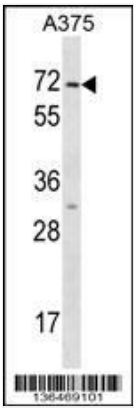
KRT75 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	KRT75, Polyclonal Antibody
Full Product Name	KRT75, NT (KRT75, K6HF, KB18, Keratin, type II cytoskeletal 75, Cytokeratin-75, Keratin-6 hair follicle, Keratin-75, Type II keratin-K6hf, Type-II keratin Kb18) (FITC)
Product Gene Name	anti-KRT75 antibody
Product Synonym Names	KRT75; K6HF; KB18; Keratin; type II cytoskeletal 75; Cytokeratin-75; Keratin-6 hair follicle; Keratin-75; Type II keratin-K6hf; Type-II keratin Kb18
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein Isothiocyanate (FITC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	59,560 Da
OMIM	600628
3D Structure	ModBase 3D Structure for O95678
Immunogen	KRT75 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 65-92 amino acids from the N-terminal region of human KRT75.
Conjugate	FITC
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-KRT75 antibody	Antibodies; Cytokeratin
Applications Tested/Suitable for anti-KRT75 antibody	Western Blot (WB), FLISA
Application Notes for anti-KRT75 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-KRT75 antibody	This gene is a member of the type II keratin family clustered on the long arm of chromosome 12. Type I and type II keratins heteropolymerize to form intermediate-sized filaments in the cytoplasm of epithelial cells. This gene is expressed in the companion layer, upper germinative matrix region of the hair follicle, and medulla of the hair shaft. The encoded protein plays an essential role in hair and nail formation. Variations in this gene have been associated with the hair disorders pseudofolliculitis barbae (PFB) and loose anagen hair syndrome (LAHS).

Product References and Citations for anti-KRT75 antibody	Sperling, L.C., et al. J. Cutan. Pathol. 37(2):243-248(2010). Liu, Z.B., et al. Tumori 95(1):53-62(2009). Nofech-Mozes, S., et al. Int. J. Surg. Pathol. 16(4):399-406(2008). Schweizer, J., et al. J. Cell Biol. 174(2):169-174(2006). Roh, C., et al. Physiol. Genomics 19(2):207-217(2004).
Other Notes	Small volumes of anti-KRT75 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 KRT75 purchase	MBS6314780 is an antibody targeting KRT75. Also known as KRT75, NT (KRT75, K6HF, KB18, Keratin, type II cytoskeletal 75, Cytokeratin-75, Keratin-6 hair follicle, Keratin-75, Type II keratin-K6hf, Type-II keratin Kb18) (FITC). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-KRT75 antibody
KRT75 Antibody (N-term) western blot analysis in A375 cell line lysates (35ug/lane).This demonstrates the KRT75 antibody detected the KRT75 protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for KRT75. It may not necessarily be applicable to this product.

NCBI GI #	153791158
NCBI GeneID	9119
NCBI Accession #	NP_004684.2
UniProt Primary Accession #	O95678
UniProt Secondary Accession #	Q9NSA9; B4DQU4
UniProt Related Accession #	O95678
GenBank Nucleotide #	NM_004693.2
NCBI Official Full Name	keratin, type II cytoskeletal 75
NCBI Official Synonym Full Names	keratin 75, type II
NCBI Official Symbol	KRT75
NCBI Official Synonym Symbols	PFB; K6HF; KB18
UniProt Protein Name	Keratin, type II cytoskeletal 75
UniProt Synonym Protein Names	Cytokeratin-75; CK-75; Keratin-6 hair follicle; hK6hf; Keratin-75; K75; Type II keratin-K6hf; Type-II keratin Kb18
Protein Family	Keratin
UniProt Gene Name	KRT75
UniProt Synonym Gene Names	K6HF; KB18
UniProt Entry Name	K2C75_HUMAN

NCBI Protein Information	keratin, type II cytoskeletal 75
Research Articles on KRT75	**1.** we observed a possible association between CK5/6 expression in the primary tumor and multiple versus solitary breast carcinoma brain metastasis
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