K2C78 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	K2C78, Polyclonal Antibody
Full Product Name	K2C78, ID (KRT78, K5B, KB40, Keratin, type II cytoskeletal 78, Cytokeratin-78, Keratin-5b, Keratin-78, Type-II keratin Kb40) (MaxLight 750)
Product Gene Name	anti-K2C78 antibody
Product Synonym Gene Name	KRT78
Product Synonym Names	KRT78; K5B; KB40; Keratin; type II cytoskeletal 78; Cytokeratin-78; Keratin-5b; Keratin-78; Type-II keratin Kb40
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 MaxLight750.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight750 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	56,866 Da
OMIM	611159
3D Structure	ModBase 3D Structure for Q8N1N4
Immunogen	K2C78 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 182~212 amino acids from the Central region of human K2C78.
Conjugate	MaxLight750
Note	Preservative Free
Product Categories/Family for anti-K2C78 antibody	Antibodies; Cytokeratin
Applications Tested/Suitable for anti-K2C78 antibody	Flow Cytometry (FC/FACS), FLISA, Western Blot (WB)
Application Notes for anti-K2C78 antibody	FC/FACS: 1:10-50 FLISA: 1:1,000 WB: 1:100-500 Applications are based on unconjugated antibody.
Related Product Information for anti-K2C78 antibody	This gene is a member of the type II keratin gene family and encodes a protein with an intermediate filament domain. Keratins are the major structural proteins in epithelial cells, forming a cytoplasmic network of 10 to 12 nm wide intermediate filaments and creating a scaffold that gives cells the ability to withstand mechanical and non-mechanical stresses. The genes of the type II keratin family are located as a gene cluster at 12p13.13. Four pseudogenes of this gene family have been identified.

Product References and Citations for anti-K2C78 antibody	Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007). Schweizer, J., et al. J. Cell Biol. 174(2):169-174(2006). Rogers, M.A., et al. J. Invest. Dermatol. 124(3):536-544(2005). Hesse, M., et al. Eur. J. Cell Biol. 83(1):19-26(2004). Coulombe, P.A., et al. Curr. Opin. Cell Biol. 14(1):110-122(2002).
Other Notes	Small volumes of anti-K2C78 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 K2C78 purchase	MBS6311981 is an antibody targeting K2C78. Also known as K2C78, ID (KRT78, K5B, KB40, Keratin, type II cytoskeletal 78, Cytokeratin-78, Keratin-5b, Keratin-78, Type-II keratin Kb40) (MaxLight 750). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for K2C78. It may not necessarily be applicable to this product.

NCBI GI #	89357932
NCBI GeneID	196374
NCBI Accession #	NP_775487.2
UniProt Primary Accession #	Q8N1N4
UniProt Secondary Accession #	Q5HYM7; Q7RTT2; A8K4D6
UniProt Related Accession #	Q8N1N4
GenBank Nucleotide #	NM_173352.3
NCBI Official Full Name	keratin, type II cytoskeletal 78 isoform 1
NCBI Official Synonym Full Names	keratin 78
NCBI Official Symbol	KRT78
NCBI Official Synonym Symbols	K5B; K78; Kb40; CK-78
UniProt Protein Name	Keratin, type II cytoskeletal 78
UniProt Synonym Protein Names	Cytokeratin-78; CK-78; Keratin-5b; Keratin-78; K78; Type-II keratin Kb40
UniProt Gene Name	KRT78
UniProt Synonym Gene Names	K5B; KB40; CK-78; K78
UniProt Entry Name	K2C78_HUMAN
NCBI Protein Information	keratin, type II cytoskeletal 78; keratin-5b; cytokeratin-78; type-II keratin Kb40
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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