TCL1A Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	TCL1A, Monoclonal Antibody
Full Product Name	TCL1A (T-Cell Leukemia/Lymphoma 1A, TCL1) (MaxLight 750)
Product Gene Name	anti-TCL1A antibody
Product Synonym Names	T-Cell Leukemia/Lymphoma 1A; TCL1
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	3A4
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight750.
Purity/Purification	Purified
Specificity	Recognizes TCL1A.
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	13,460 Da
Immunogen	TCL1A (NP_068801.1, 61aa-114aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	PMTPTQIGPSLLPIMWQLYPDGRYRSSDSSFWRLVYHIKIDGVEDMLLELLPDD
Conjugate	MaxLight750
Product Categories/Family for anti-TCL1A antibody	Antibodies; Cancer Markers
Applications Tested/Suitable for anti-TCL1A antibody	FLISA
Application Notes for anti-TCL1A antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-TCL1A antibody	MBS6240955 is an antibody targeting TCL1A. Also known as TCL1A (T-Cell Leukemia/Lymphoma 1A, TCL1) (MaxLight 750). Host: Mouse. Mouse monoclonal antibody raised against a partial recombinant TCL1A.
Other Notes	Small volumes of anti-TCL1A 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TCL1A. It may not necessarily be applicable to this product.

NCBI GI #	11415028
NCBI GeneID	8115
NCBI Accession #	NP_068801.1

UniProt Secondary Accession #	Q6IBK7
UniProt Related Accession #	P56279
GenBank Nucleotide #	NM_021966.2
NCBI Official Full Name	T-cell leukemia/lymphoma protein 1A
NCBI Official Synonym Full Names	T-cell leukemia/lymphoma 1A
NCBI Official Symbol	TCL1A
NCBI Official Synonym Symbols	TCL1
Protein Family	T-cell leukemia/lymphoma protein
NCBI Protein Information	T-cell leukemia/lymphoma protein 1A
NCBI Summary for TCL1A	Overexpression of the TCL1 gene in humans has been implicated in the development of mature T cell leukemia, in which chromosomal rearrangements bring the TCL1 gene in close proximity to the T-cell antigen receptor (TCR)-alpha (MIM 186880) or TCR-beta (MIM 186930) regulatory elements (summarized by Virgilio et al., 1998 [PubMed 9520462]). In normal T cells TCL1 is expressed in CD4-/CD8- cells, but not in cells at later stages of differentiation. TCL1 functions as a coactivator of the cell survival kinase AKT (MIM 164730) (Laine et al., 2000 [PubMed 10983986]).[supplied by OMIM, Jul 2010]
Research Articles on TCL1A	**1.** High TCL1A expression is associated with chronic lymphocytic leukemia.
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