CD7 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	CD7, Monoclonal Antibody
Full Product Name	CD7 (T-cell Antigen CD7, GP40, T-cell Leukemia Antigen, T-cell Surface Antigen Leu-9, TP41) (MaxLight 750)
Product Gene Name	anti-CD7 antibody
Clonality	Monoclonal
Isotype	IgG2b,k
Clone Number	1B8
Host	Mouse
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.
Specificity	Recognizes human CD7.
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 amo the original vial prior to removing the cap.
Molecular Weight	25,409 Da
Immunogen	Full length recombinant corresponding to aa21-240 from human CD7 (AAH09293) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	PGALAAQEVQQSPHCTTVPVGASVNITCSTSGGLRGIYLRQLGPQPQDIIYYEDGVVPTTDRRFRGRIDFSGSQDNLTITMHRLQLSDTGTYTCQAITEVN
Conjugate	MaxLight750
Product Categories/Family for anti-CD7 antibody	Antibodies; CD Markers
Applications Tested/Suitable for anti-CD7 antibody	FLISA, Immunoprecipitation (IP), Western Blot (WB)
Application Notes for anti-CD7 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-CD7 antibody	CD7, a 40kD transmembrane glycoprotein, is a novel member of Ig superfamily expressed primarily on thymocytes and mature T-cells. It consists of a and NK cells. It plays a significant role in T-cell interactions and also in T-cell/B-cell interactions during early lymphoid development. Reports suggest C
Other Notes	Small volumes of anti-CD7 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessar apply.

Searchable Terms for CD7 purchase	MBS6232034 is an antibody targeting CD7. Also known as CD7 (T-cell Antigen CD7, GP40, T-cell Leukemia Antigen, T-cell Surface Antigen Leu-9, TP

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CD7. It may not necessarily be applicable to this product.

NCBI GI #	33872968
NCBI GeneID	924
NCBI Accession #	BC009293
NCBI Related Accession #	AAH09293
UniProt Related Accession #	P09564
NCBI Official Full Name	Homo sapiens CD7 molecule, mRNA
NCBI Official Synonym Full Names	CD7 molecule
NCBI Official Symbol	CD7
NCBI Official Synonym Symbols	GP40; TP41; Tp40; LEU-9
Protein Family	T-cell antigen
NCBI Protein Information	T-cell antigen CD7
NCBI Summary for CD7	This gene encodes a transmembrane protein which is a member of the immunoglobulin superfamily. This protein is found on thymocytes and mature T cells. It plays an essential role in T-cell interactions and also in T-cell/B-cell interaction during early lymphoid development. [provided by RefSeq, Jul 2008]
Research Articles on CD7	**1.** in acute myeloid leukemia patients the association of CD7 positivity and FLT3 positivity was found to be significant
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
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.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/monoclonal-human-antibody/cd7/6232034