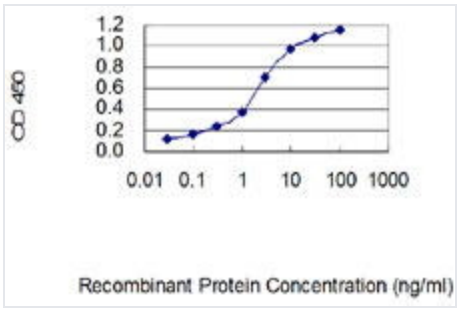
CLECL1 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	CLECL1, Monoclonal Antibody
Full Product Name	CLECL1 (C-Type Lectin-like 1, DCAL1) (AP)
Product Gene Name	anti-CLECL1 antibody
Product Synonym Names	C-Type Lectin-like 1; DCAL1
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	4A12
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Purity/Purification	Purified
Specificity	Recognizes CLECL1.
Preparation and Storage	Store product at 4 degree C. 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. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	19,115 Da
Immunogen	CLECL1 (NP_742001.1, 82aa-167aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	DVVYADIKTVRTSPLELAFPLQRSVSFNFSTVHKSCPAKDWKVHKGKCYWIAETKKSWNKSQNDCAINNSYLMVIQDITAMVRFNI
Conjugate	AP
Product Categories/Family for anti-CLECL1 antibody	Antibodies; Lectins
Applications Tested/Suitable for anti-CLECL1 antibody	ELISA (EIA), Western Blot (WB)
Application Notes for anti-CLECL1 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-CLECL1 antibody	DCAL1 is a type II transmembrane, C-type lectin-like protein expressed on dendritic cells (DCs) and B cells. It interacts with subsets of T cells as a costimulatory molecule that enhances interleukin-4 (IL4; MIM 147780) production. [supplied by OMIM]
Other Notes	Small volumes of anti-CLECL1 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 CLECL1 purchase	MBS6165929 is an antibody targeting CLECL1. Also known as CLECL1 (C-Type Lectin-like 1, DCAL1) (AP). Host: Mouse.



Testing Data of anti-CLECL1 antibody
Detection limit for recombinant GST tagged CLECL1 is 0.03 ng/ml as a capture antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CLECL1. It may not necessarily be applicable to this product.

NCBI GI #	25188187
NCBI GeneID	160365
NCBI Accession #	NP_742001.1
UniProt Related Accession #	Q8IZS7
GenBank Nucleotide #	NM_172004.3
NCBI Official Full Name	C-type lectin-like domain family 1 isoform 1
NCBI Official Synonym Full Names	C-type lectin-like 1
NCBI Official Symbol	CLECL1
NCBI Official Synonym Symbols	DCAL1; DCAL-1
Protein Family	C-type lectin-like domain family
NCBI Protein Information	C-type lectin-like domain family 1; DC-associated lectin-1; dendritic cell associated lectin 1; dendritic cell-associated lectin 1; dendritic cell-associated lectin-1; type II transmembrane protein DCAL1
NCBI Summary for CLECL1	This gene encodes a type II transmembrane, C-type lectin-like protein that is highly expressed on dendritic and B cells. This protein may act as a T-cell costimulatory molecule that enhances interleukin-4 production, and maybe involved in the regulation of the immune response. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2011]
Research Articles on CLECL1	**1.** C-type lectin-like molecule-1 is expressed in 86.5% of cases of acute myeloid leukemia, in 54.5% of acute myeloid leukemia CD34positiveCD38negative stem cells, but not in acute lymphoblastic leukemia blast cells.
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