CLEC1A Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	CLEC1A, Monoclonal Antibody
Full Product Name	CLEC1A (C-type Lectin Domain Family 1 Member A, C-type Lectin-like Receptor 1, CLEC-1, CLEC1, UNQ569/PRO1131, MGC34328) (MaxLight 650)
Product Gene Name	anti-CLEC1A antibody
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	2F7
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight650.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human CLEC1A.
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
Molecular Weight	31,952 Da
Immunogen	Full length recombinant corresponding to aa1-281 from human CLEC1A (AAH39072) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MQAKYSSTRDMLDDDGDTTMSLHSQGSATTRHPEPRRTEHRAPSSTWRPVALTLLTLCLVLLIGLAALGLLFFQYYQLSNTGQDTISQMEERLGNTSQEL
Conjugate	MaxLight650
Product Categories/Family for anti-CLEC1A antibody	Antibodies; Lectins
Applications Tested/Suitable for anti-CLEC1A antibody	FLISA, Western Blot (WB)
Application Notes for anti-CLEC1A antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-CLEC1A antibody	MaxLight650 is a new Far-IR stable dye conjugate comparable to Alexa Fluor647, DyLight649, Cy5 and offers better labeling efficiency, brighter imagin
Other Notes	Small volumes of anti-CLEC1A antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If nece

Searchable Terms for CLEC1A purchase	MBS6221522 is an antibody targeting CLEC1A. Also known as CLEC1A (C-type Lectin Domain Family 1 Member A, C-type Lectin-like Receptor 1, CL

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CLEC1A. It may not necessarily be applicable to this product.

NCBI GI #	24660225
NCBI GeneID	51267
NCBI Accession #	BC039072
NCBI Related Accession #	AAH39072
UniProt Secondary Accession #	Q8IUW7; Q9NZH3
UniProt Related Accession #	Q8NC01
NCBI Official Full Name	Homo sapiens C-type lectin domain family 1, member A, mRNA
NCBI Official Synonym Full Names	C-type lectin domain family 1 member A
NCBI Official Symbol	CLEC1A
NCBI Official Synonym Symbols	CLEC1; CLEC-1
Protein Family	C-type lectin domain family
NCBI Protein Information	C-type lectin domain family 1 member A
NCBI Summary for CLEC1A	This gene encodes a member of the C-type lectin/C-type lectin-like domain (CTL/CTLD) superfamily. Members of this family share a common protein fold and have diverse functions, such as cell adhesion, cell-cell signaling, glycoprotein turnover, and roles in inflammation and immune response. The encoded protein may play a role in regulating dendritic cell function. This gene is closely linked to other CTL/CTLD superfamily members on chromosome 12p13 in the natural killer gene complex region. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]
Research Articles on CLEC1A	**1.** Expression of CLEC-1 mRNA was detected in myeloid cells as well as in endothelial cells. CLEC-1 protein displayed N-linked glycosylation and formed dimers.
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