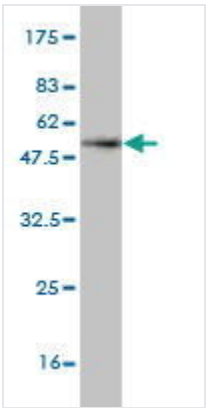
CLEC4E Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	CLEC4E, Monoclonal Antibody
Full Product Name	CLEC4E (C-type Lectin Domain Family 4, Member E, C-type Lectin Superfamily Member 9, Macrophage-inducible C-type Lectin, CLECSF9, MINCLE,
Product Gene Name	anti-CLEC4E antibody
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	2D12
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Allophycocyanin (APC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human CLEC4E.
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 original vial prior to removing the cap.
Molecular Weight	25,073 Da
Immunogen	Full length recombinant protein corresponding to aa1-219 from human CLEC4E with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MNSSKSSETQCTERGCFSSQMFLWTVAGIPILFLSACFITRCVVTFRIFQTCDEKKFQLPENFTELSCYNYGSGSVKNCCPLNWEYFQSSCYFFSTDTISW
Conjugate	APC
Product Categories/Family for anti-CLEC4E antibody	Antibodies; Lectins
Applications Tested/Suitable for anti-CLEC4E antibody	FLISA, Western Blot (WB)
Application Notes for anti-CLEC4E antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-CLEC4E antibody	C-type lectin that functions as cell-surface receptor for a wide variety of ligands such as damaged cells, fungi and mycobacteria. Plays a role in the reco mannose residues on pathogenic fungi of the genus Malassezia. Recognizes also SAP130, a nuclear protein, that is released by dead or dying cells. T SYK, CARD9 and NF-kappa-B.
Other Notes	Small volumes of anti-CLEC4E antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If nece apply.

Searchable Terms for CLEC4E purchase	MBS6135941 is an antibody targeting CLEC4E. Also known as CLEC4E (C-type Lectin Domain Family 4, Member E, C-type Lectin Superfamily Memb



Western Blot (WB) of anti-CLEC4E antibody
Western Blot detection against Immunogen (50.2kD) using 125068.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CLEC4E. It may not necessarily be applicable to this product.

NCBI GI #	33875777
NCBI GeneID	26253
NCBI Accession #	BC000715
NCBI Related Accession #	AAH00715
UniProt Secondary Accession #	B2R6Q6
UniProt Related Accession #	Q9ULY5
NCBI Official Full Name	Homo sapiens C-type lectin domain family 4, member E, mRNA
NCBI Official Synonym Full Names	C-type lectin domain family 4 member E
NCBI Official Symbol	CLEC4E
NCBI Official Synonym Symbols	MINCLE; CLECSF9
Protein Family	C-type lectin domain family
NCBI Protein Information	C-type lectin domain family 4 member E
NCBI Summary for CLEC4E	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 signalling, glycoprotein turnover, and roles in inflammation and immune response. The encoded type II transmembrane protein is a downstream target of CCAAT/enhancer binding protein (C/EBP), beta (CEBPB) and may play a role in inflammation. Alternative splice variants have been described but their full-length sequence has not been determined. This gene is closely linked to other CTL/CTLD superfamily members on chromosome 12p13 in the natural killer gene complex region. [provided by RefSeq, Jul 2008]
Research Articles on CLEC4E	**1.** Induction of Mincle by Helicobacter pylori and consequent anti-inflammatory signaling denote a bacterial survival strategy.
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