

CLEC4E Antibody (monoclonal) (M08)**Mouse monoclonal antibody raised against a full length recombinant CLEC4E.****Catalog # AT1556a****Specification**

CLEC4E Antibody (monoclonal) (M08) - Product Information

Application	WB
Primary Accession	Q9ULY5
Other Accession	BC000715
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	25073

CLEC4E Antibody (monoclonal) (M08) - Additional Information**Gene ID** 26253**Other Names**C-type lectin domain family 4 member E, C-type lectin superfamily member 9,
Macrophage-inducible C-type lectin, CLEC4E, CLECSF9, MINCLE**Target/Specificity**

CLEC4E (AAH00715, 1 a.a. ~ 219 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

CLEC4E Antibody (monoclonal) (M08) is for research use only and not for use in diagnostic or therapeutic procedures.

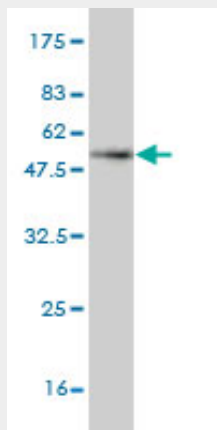
CLEC4E Antibody (monoclonal) (M08) - Protocols

Provided below are standard protocols that you may find useful for product applications.

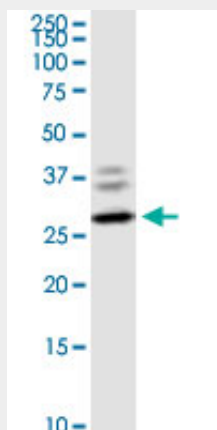
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CLEC4E Antibody (monoclonal) (M08) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (49.83 KDa) .



CLEC4E monoclonal antibody (M08), clone 2D12. Western Blot analysis of CLEC4E expression in K-562.

CLEC4E Antibody (monoclonal) (M08) - Background

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.

CLEC4E Antibody (monoclonal) (M08) - References

1. Mincle and human B cell function. Kawata K, Illarionov P, Kenny TP, Zhang W, Tsuda M, Ando Y,

Leung PS, Ansari AA, Eric Gershwin M.J Autoimmun. 2012 Jun 12;23(6):679-85. Epub 2012 May 28.
Human and mouse macrophage-inducible C-type lectin (Mincle) bind Candida albicans. Bugarcic A, Hitchens K, Beckhouse AG, Wells CA, Ashman RB, Blanchard H. Glycobiology. 2008 Sep;18(9):679-85. Epub 2008 May 28.