

CD58 Antibody (clone 2D11-B10)
Mouse Monoclonal Antibody
Catalog # ALS14030**Specification**

CD58 Antibody (clone 2D11-B10) - Product Information

Application	WB, IHC-P, IF, E
Primary Accession	P19256
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	28kDa KDa
Dilution	WB~~1:1000 IHC-P~~N/A IF~~1:50~200 E~~N/A

CD58 Antibody (clone 2D11-B10) - Additional Information**Gene ID** 965**Other Names**

Lymphocyte function-associated antigen 3, Ag3, Surface glycoprotein LFA-3, CD58, CD58, LFA3

Target/Specificity

Human CD58

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

CD58 Antibody (clone 2D11-B10) is for research use only and not for use in diagnostic or therapeutic procedures.

CD58 Antibody (clone 2D11-B10) - Protein Information**Name** CD58**Synonyms** LFA3**Function**

Ligand of the T-lymphocyte CD2 glycoprotein. This interaction is important in mediating thymocyte interactions with thymic epithelial cells, antigen-independent and -dependent interactions of T-lymphocytes with target cells and antigen-presenting cells and the T-lymphocyte rosetting with erythrocytes. In addition, the LFA-3/CD2 interaction may prime response by both the CD2+ and LFA-3+ cells.

Cellular Location

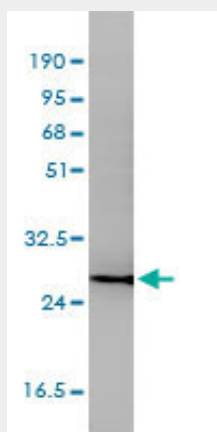
[Isoform 1]: Cell membrane; Single-pass type I membrane protein

CD58 Antibody (clone 2D11-B10) - Protocols

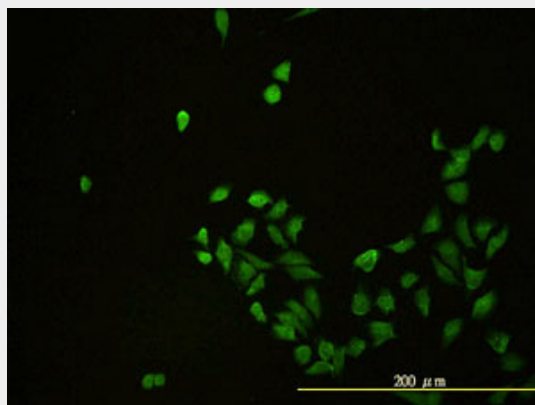
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CD58 Antibody (clone 2D11-B10) - Images



CD58 monoclonal antibody (M01), clone 2D11-B10 Western blot of CD58 expression in Jurkat.



Immunofluorescence of monoclonal antibody to CD58 on HeLa cell. [antibody concentration 10 ug/ml]

CD58 Antibody (clone 2D11-B10) - Background

Ligand of the T-lymphocyte CD2 glycoprotein. This interaction is important in mediating thymocyte interactions with thymic epithelial cells, antigen-independent and -dependent interactions of T-lymphocytes with target cells and antigen-presenting cells and the T-lymphocyte rosetting with erythrocytes. In addition, the LFA-3/CD2 interaction may prime response by both the CD2+ and

LFA-3+ cells.

CD58 Antibody (clone 2D11-B10) - References

Wallner B.P.,et al.J. Exp. Med. 166:923-932(1987).

Seed B.,et al.Nature 329:840-842(1987).

Wallich R.,et al.J. Immunol. 160:2862-2871(1998).

Ota T.,et al.Nat. Genet. 36:40-45(2004).

Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.