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CD58 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant CD58.
Catalog # AT1442a

Specification

CD58 Antibody (monoclonal) (M01) - Product Information

Application	**IF, WB, IHC, E**
Primary Accession	P19256
Other Accession	BC005930
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a kappa**
Calculated MW	**28147**

CD58 Antibody (monoclonal) (M01) - Additional Information

Gene ID 965

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

Target/Specificity
CD58 (AAH05930, 1 a.a. ~ 240 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
CD58 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

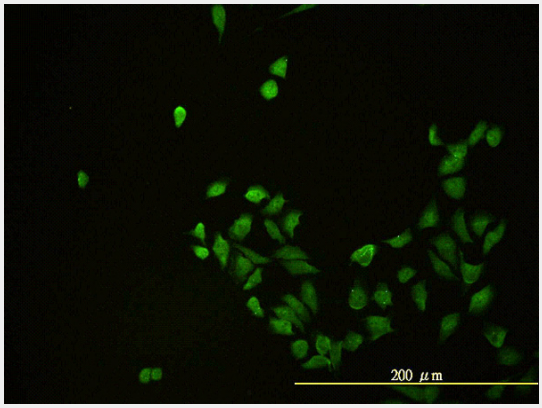
CD58 Antibody (monoclonal) (M01) - Protocols

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

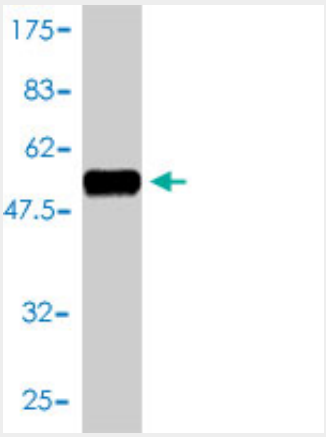
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry

- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

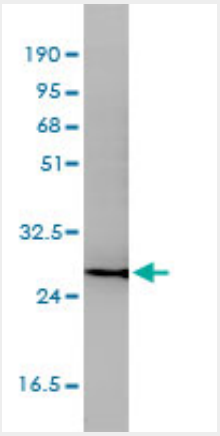
CD58 Antibody (monoclonal) (M01) - Images



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

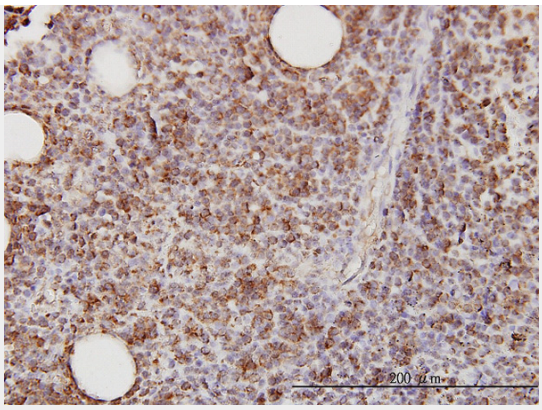


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (52.14 KDa) .

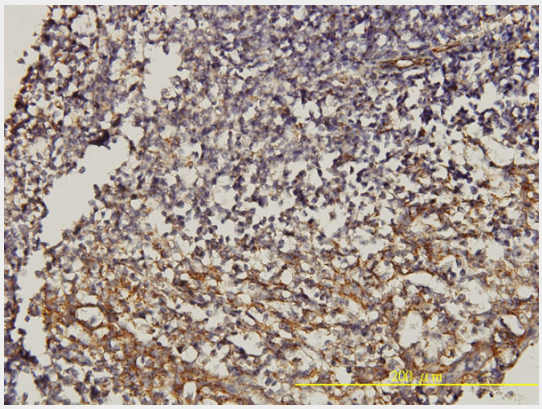


CD58 monoclonal antibody (M01), clone 2D11-B10 Western Blot analysis of CD58 expression in Jurkat ((Cat # AT1442a)

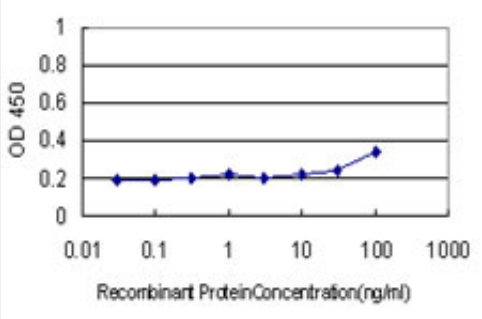
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Immunoperoxidase of monoclonal antibody to CD58 on formalin-fixed paraffin-embedded human lymphoma tissue [antibody concentration 3 ug/ml]



Immunoperoxidase of monoclonal antibody to CD58 on formalin-fixed paraffin-embedded human tonsil. [antibody concentration 2 ug/ml]



Detection limit for recombinant GST tagged CD58 is approximately 0.3ng/ml as a capture antibody.

CD58 Antibody (monoclonal) (M01) - Background

This gene encodes a member of the immunoglobulin superfamily. The encoded protein is a ligand of the T lymphocyte CD2 protein, and functions in adhesion and activation of T lymphocytes. The protein is localized to the plasma membrane. Alternatively spliced transcript variants have been described.

CD58 Antibody (monoclonal) (M01) - References

Host genetic factors and vaccine-induced immunity to HBV infection: haplotype analysis. Ryckman KK, et al. PLoS One, 2010 Aug 18. PMID 20806065.Multiple sclerosis susceptibility-associated SNPs

do not influence disease severity measures in a cohort of Australian MS patients. Jensen CJ, et al. PLoS One, 2010 Apr 2. PMID 20368992.New genetic associations detected in a host response study to hepatitis B vaccine. Davila S, et al. Genes Immun, 2010 Apr. PMID 20237496.Genetic variants at CD28, PRDM1 and CD2/CD58 are associated with rheumatoid arthritis risk. Raychaudhuri S, et al. Nat Genet, 2009 Dec. PMID 19898481.Integration of genetic risk factors into a clinical algorithm for multiple sclerosis susceptibility: a weighted genetic risk score. De Jager PL, et al. Lancet Neurol, 2009 Dec. PMID 19879194.