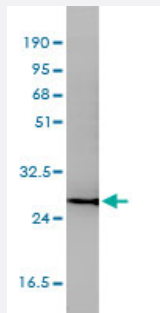


CD58 monoclonal antibody (M01), clone 2D11-B10

Catalog # H00000965-M01

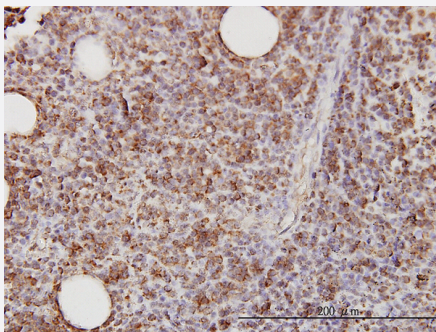
Size 100 ug

Applications



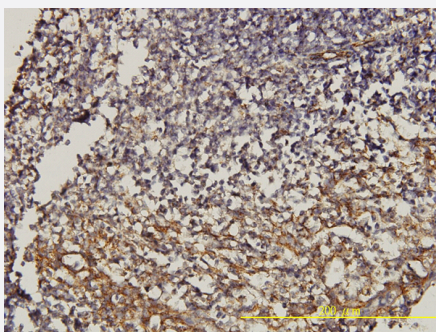
Western Blot (Cell lysate)

CD58 monoclonal antibody (M01), clone 2D11-B10 Western Blot analysis of CD58 expression in Jurkat (Cat # L017V1).



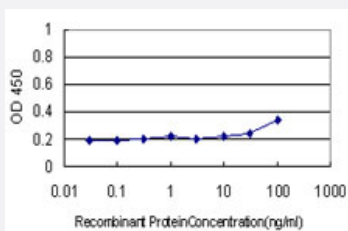
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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



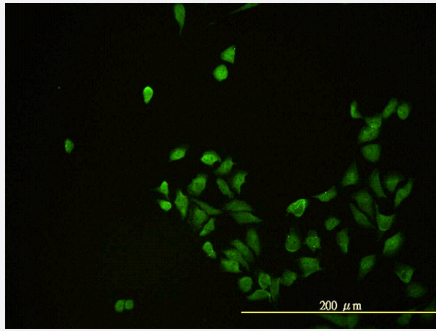
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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



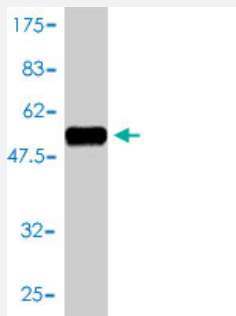
Sandwich ELISA (Recombinant protein)

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



Immunofluorescence

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



Western Blot detection against Immunogen (52.14 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant CD58.
Immunogen	CD58 (AAH05930, 1 a.a. ~ 240 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MVAGSDAGRALGVLSVVCLLHCFGFISCFSSQQYGVVYGNVTFHVPSNVPLKEVLWKKQKDKVA ELENSEFRAFSSFKNRVYLDTVSGSLTYNLTSSDEDEYEMESPNITDTMKFFLYVLESPLPSTLTC ALTNGSIEVQCMPEYYNSHRGLIMYSWDCPMEQCKRNSTSIYFKMENDLPQKIQCTLSNPLFNTTS SIILTTCIPSSGHSRHRYPALPIPLAVITTCIVLYMNGMYAF
Host	Mouse
Reactivity	Human
Isotype	IgG2a kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (52.14 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

CD58 monoclonal antibody (M01), clone 2D11-B10 Western Blot analysis of CD58 expression in Jurkat (Cat # L017V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

- Immunofluorescence

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

Gene Info — CD58

Entrez GeneID	965
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GeneBank Accession#	BC005930
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Protein Accession#	AAH05930
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Gene Name	CD58
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Gene Alias	LFA-3, LFA3
Gene Description	CD58 molecule
Omim ID	153420
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	CD58 antigen, (lymphocyte function-associated antigen 3) OTTHUMP00000024363

Pathway

- [Cell adhesion molecules \(CAMs\)](#)

Disease

- [Arthritis](#)
- [Autoimmune Diseases](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis B](#)
- [Multiple Sclerosis](#)