

Mouse anti-Human CD58 Monoclonal Antibody | anti-CD58 antibody

CD58 (Lymphocyte Function-associated Antigen 3, Ag3, Surface Glycoprotein LFA-3, LFA3) (FITC)

CATALOG # AAA25048	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

CD58; Monoclonal Antibody; CD58 (Lymphocyte Function-associated Antigen 3; Ag3; Surface Glycoprotein LFA-3; LFA3) (FITC); anti-CD58 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	2D11-B10
Specificity	Recognizes human CD58.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC).
Applicable Applications for anti-CD58 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	IF: 10ug/ml Applications are based on unconjugated antibody.
Immunogen	Full length recombinant corresponding to aa1-240 from human CD58 (AAH05930) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MVAGSDAGRALGVLSVVCLLHCFGFISCFSQIYGVVYGNVTFHVPSNVPLKEVLWKKQKDKVAELENSEFRAFSSFKNRVYLDTVSGSLTIYNLTSSDE
Conjugate	FITC
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and storage at -20 degree C. Conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

IMAGES



WB (Western Blot)
CD58 monoclonal antibody, Western Blot analysis of CD58 expression in Jurkat.



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

**IF (Immunofluorescence)**

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

**IHC (Immunohistochemistry)**

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

**IHC (Immunohistochemistry)**

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

**WB (Western Blot)**

Western Blot detection against Immunogen (52.14kD).

ADDITIONAL INFORMATION

Product Categories/Family for anti-CD58 antibody

[Antibodies](#); [CD Markers](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	13543544
NCBI GeneID	965
Molecular Weight	27,960 Da
NCBI Official Full Name	Homo sapiens CD58 molecule, mRNA
NCBI Official Synonym Full Names	CD58 molecule
NCBI Official Symbol	CD58
NCBI Official Synonym Symbols	ag3; LFA3; LFA-3
NCBI Protein Information	lymphocyte function-associated antigen 3

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd58-antibody-clone-2d11-b10-immunofluorescence-immunohistochemistry-western-blot-elisa/25048>