



# CD58 Monoclonal Antibody

<b>Catalog No</b>	BYmab-13989
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB
<b>Gene Name</b>	CD58
<b>Protein Name</b>	Lymphocyte function-associated antigen 3
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from the Internal region of human CD58. AA range:31-80
<b>Specificity</b>	CD58 Monoclonal Antibody detects endogenous levels of CD58 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	CD58; LFA3; Lymphocyte function-associated antigen 3; Ag3; Surface glycoprotein LFA-3; CD58
<b>Observed Band</b>	27kD
<b>Cell Pathway</b>	[Isoform 1]: Cell membrane; Single-pass type I membrane protein.
<b>Tissue Specificity</b>	Brain,Erythrocyte,
<b>Function</b>	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.,similarity:Contains 1 Ig-like C2-type (immunoglobulin-like) domain.,
<b>Background</b>	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.

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Alternatively spliced transcript variants have been described. [provided by RefSeq, Jan 2009],

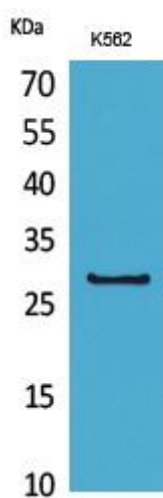
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of various cells using CD58 Monoclonal Antibody