

# CD58 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51786

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">P19256</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	28147

## Additional Information

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<b>Gene ID</b>	965
<b>Other Names</b>	Lymphocyte function-associated antigen 3, Ag3, Surface glycoprotein LFA-3, CD58, CD58, LFA3
<b>Target/Specificity</b>	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CD58. The exact sequence is proprietary.
<b>Dilution</b>	WB~~1:1000
<b>Format</b>	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
<b>Storage</b>	Store at -20 °C.Stable for 12 months from date of receipt

## Protein Information

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<b>Name</b>	CD58
<b>Synonyms</b>	LFA3
<b>Function</b>	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.
<b>Cellular Location</b>	[Isoform 1]: Cell membrane; Single-pass type I membrane protein

## Background

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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.

## References

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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.

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