

## Recombinant CD58 Monoclonal Antibody

catalog number: **AN301482L**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

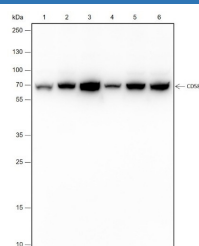
### Description

<b>Reactivity</b>	Human;
<b>Immunogen</b>	Recombinant human CD58 fragment
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG, $\kappa$
<b>Clone</b>	A177
<b>Purification</b>	Protein A purified
<b>Buffer</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

### Applications

Applications	Recommended Dilution
<b>WB</b>	1:500-1:2000
<b>IF</b>	1:50
<b>FCM</b>	1:50-1:100

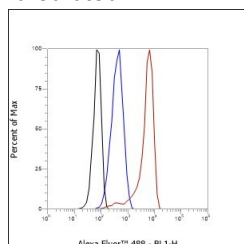
### Data



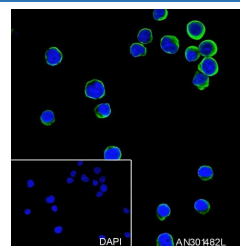
Western Blot with CD58 Monoclonal Antibody at dilution of 1:2000. Lane 1: Raji, Lane 2: Jurkat, Lane 3: K562, Lane 4: Jurkat cells using anti-CD58 Monoclonal Antibody at dilution of 1:50. TT, Lane 5: MCF-7, Lane 6: 293T

**Observed-MW:65-70 kDa**

**Calculated-MW:24 kDa**



Flow cytometric analysis of human CD58 expression on Jurkat cells. Cells were stained with purified anti-Human CD58, then a Alexa Fluor 488-conjugated second step antibody. The histogram were derived from events with the forward and side light-scatter characteristics of intact cells.



### Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	Ice bag

### Background

### For Research Use Only

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.