

**Product Name: CD62P Mouse Monoclonal Antibody****Catalog #: AMM82756**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	ELISA,FC
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	ELISA 1:5000-1:20000,FC 1:200-1:400
<b>Molecular Weight</b>	90.8kDa

**Antigen Information**

<b>Gene Name</b>	CD62P
<b>Alternative Names</b>	SELP; CD62; GRMP; PSEL; GMP140; LECAM3; PADGEM
<b>Gene ID</b>	6403.0
<b>SwissProt ID</b>	P16109
<b>Immunogen</b>	Purified recombinant fragment of human CD62P (AA: extra 42-208) expressed in E. Coli.

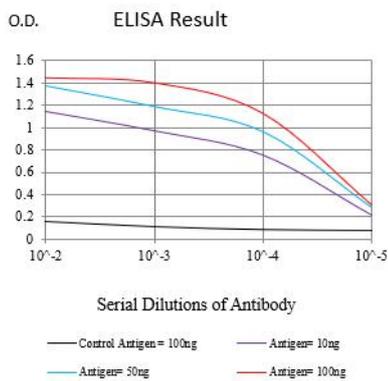
**Background**

This gene encodes a 140 kDa protein that is stored in the alpha-granules of platelets and Weibel-Palade bodies of endothelial cells. This protein redistributes to the plasma membrane during platelet activation and degranulation and mediates the interaction of activated endothelial cells or platelets with leukocytes. The membrane protein is a calcium-dependent receptor

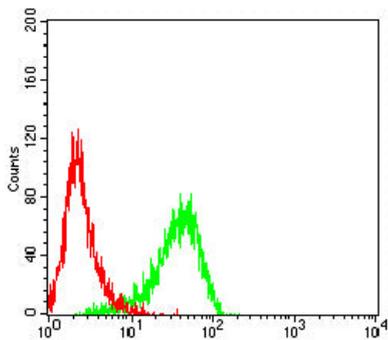
that binds to sialylated forms of Lewis blood group carbohydrate antigens on neutrophils and monocytes. Alternative splice variants may occur but are not well documented.

## Research Area

## Image Data



Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Flow cytometric analysis of Jurkat cells using CD62P mouse mAb (green) and negative control (red).