

Datasheet for ABIN967489  
**anti-SELPLG antibody**



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## Overview

Quantity:	0.5 mg
Target:	SELPLG
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SELPLG antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB), Immunoprecipitation (IP), Blocking Reagent (BR)

## Product Details

Brand:	BD Pharmingen™
Clone:	KPL-1
Isotype:	IgG1 kappa
Characteristics:	<ol style="list-style-type: none"> <li>1. Since applications vary, each investigator should titrate the reagent to obtain optimal results.</li> <li>2. Please refer to us for technical protocols.</li> </ol>
Purification:	The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.
Sterility:	0.2 µm filtered
Endotoxin Level:	Endotoxin level is ≤ 0.01 EU/µg (≤ 0.001 ng/µg) of protein as determined by the LAL assay.

## Target Details

Target:	SELPLG
Alternative Name:	CD162 ( <a href="#">SELPLG Products</a> )
Background:	<p>Reacts with p-selectin glycoprotein ligand-1 (PSGL-1), a 120 - 220 kDa, mucin-like type I transmembrane glycoprotein. CD162 is expressed on neutrophils, monocytes, and most lymphocytes. CD162 binds to CD62P (P-Selectin), CD62E (E-Selectin) and CD62L (L-Selectin). This molecule mediates rolling of leukocytes on activated endothelium and the interaction between leukocytes and activated platelets or other leukocytes found at inflammatory sites. It has also been reported that this clone completely inhibits the interaction between P-Selectin and either CD4-T cells or neutrophils.</p> <p>Synonyms: PSGL-1, p-selectin glycoprotein ligand-1</p>

## Application Details

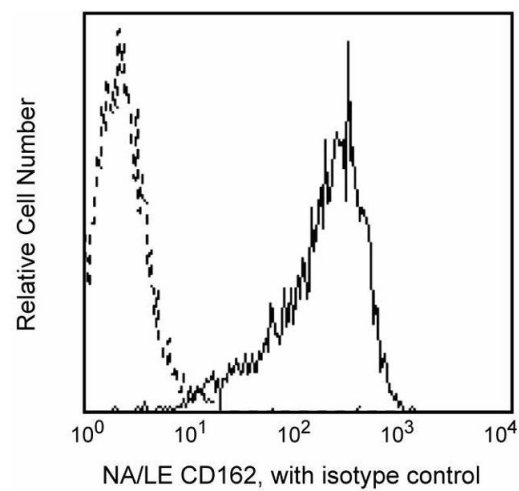
Restrictions:	For Research Use only
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## Handling

Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	No azide/low endotoxin: Aqueous buffered solution containing no preservative, 0.2µm sterile filtered.
Preservative:	Azide free
Storage:	4 °C
Storage Comment:	Store undiluted at 4°C. This preparation contains no preservatives, thus it should be handled under aseptic conditions.

## Publications

Product cited in:	<p>Snapp, Ding, Atkins, Warnke, Luscinskas, Kansas: "A novel P-selectin glycoprotein ligand-1 monoclonal antibody recognizes an epitope within the tyrosine sulfate motif of human PSGL-1 and blocks recognition of both P- and L-selectin." in: <b>Blood</b>, Vol. 91, Issue 1, pp. 154-64, (1998) (<a href="#">PubMed</a>).</p>
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**Image 1.** Profile of peripheral blood lymphocytes analyzed by flow cytometry