

Datasheet for ABIN2192127  
**anti-Selectin E/CD62e antibody****3** Publications[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	Selectin E/CD62e (SELE)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Immunoprecipitation (IP), Immunoassay (IA), Immunostaining (ISt)

## Product Details

Clone:	ENA1
Sterility:	0.2 µm filtered

## Target Details

Target:	Selectin E/CD62e (SELE)
Alternative Name:	E-Selectin, CD62-E ( <a href="#">SELE Products</a> )
Background:	ENA1 reacts with E-selectin CD62-E, previous designated the Endothelial Leucocyte Adhesion Molecule-1 (ELAM-1). The antibody reacts with human endothelial cells activated with TNF-alpha, IL-1 or endotoxin. The antibody was found to react also with cells transfected with the E-selectin gene. The antibody inhibits the adhesion of granulocytes both neutrophilic and eosinophilic.
Pathways:	<a href="#">Thromboxane A2 Receptor Signaling</a>

## Application Details

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**Application Notes:** For immunohistology dilutions to be used depend on detection system applied. It is recommended that users test the reagent and determine their own optimal dilutions. The typical starting working dilution is 1:10. In vitro cultured cells can be fixed with 1 % paraformaldehyde and kept in PBS plus azide before staining. Tissue sections are advised to be fixed for 10 min in pure acetone and followed by incubation for 10 min in chloroform. Incubation with a pretested dilution of the antibody is advised to be followed by a biotin conjugated anti-murine Ig and a further incubation with an enzyme (alkaline phosphatase) conjugated streptavidin. For selection of the most useful dilution in a given situation a test staining with cells or tissue known to express the antigen should be performed. To this end either cultured endothelial cells or a small fresh skin biopsy can be incubated for 4 hours with TNF-alpha (1 ng/mL), IL-1 (100 U/mL) or LPS (1 µg/mL) in tissue culture medium at 37 °C. As negative control it is advised to use a control murine IgG1 antibody.

**Restrictions:** For Research Use only

## Handling

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**Buffer:** PBS, containing 0.1 % bovine serum albumin.

**Storage:** 4 °C

**Storage Comment:** Product should be stored at 4 °C. Under recommended storage conditions, product is stable for one year.

**Expiry Date:** 12 months

## Publications

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**Product cited in:** Nogee, Dunbar, Wert, Askin, Hamvas, Whitsett: "A mutation in the surfactant protein C gene associated with familial interstitial lung disease." in: **The New England journal of medicine**, Vol. 344, Issue 8, pp. 573-9, (2001) ([PubMed](#)).

Ross, Ikegami, Steinhilber, Jobe: "Surfactant protein C in fetal and ventilated preterm rabbit lungs." in: **The American journal of physiology**, Vol. 277, Issue 6 Pt 1, pp. L1104-8, (2000) ([PubMed](#)).

Nogee, Wert, Proffit, Hull, Whitsett: "Allelic heterogeneity in hereditary surfactant protein B (SP-B) deficiency." in: **American journal of respiratory and critical care medicine**, Vol. 161, Issue 3 Pt 1, pp. 973-81, (2000) ([PubMed](#)).

