

**E-Selectin Antibody**  
**Rabbit Polyclonal Antibody**  
**Catalog # ABV10475****Specification**

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**E-Selectin Antibody - Product Information**

Application	WB, IHC, IP
Primary Accession	<a href="#">P16581</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	66655

**E-Selectin Antibody - Additional Information****Gene ID** 6401

Application & Usage	Western blotting (0.5-4 µg/ml) , Immunohistochemistry (paraffin, 10-20 µg/ml) and immunoprecipitation (10-20 µg/ml). However, the optimal conditions should be determined individually.
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**Other Names**

SELE , LECAM2 , ESEL , ELAM , ELAM-1 , CD62E , ELAM1

**Target/Specificity**

E-Selectin

**Antibody Form**

Liquid

**Appearance**

Colorless liquid

**Formulation**

100 µg (0.5mg/ml) protein A purified rabbit anti-E-Selectin polyclonal antibody in phosphate-buffered saline (PBS) containing 0.02% thimerosal.

**Handling**

The antibody solution should be gently mixed before use.

**Reconstitution & Storage**

-20 °C

**Background Descriptions****Precautions**

E-Selectin Antibody is for research use only and not for use in diagnostic or therapeutic

procedures.

## **E-Selectin Antibody - Protein Information**

**Name** SELE

**Synonyms** ELAM1

### **Function**

Cell-surface glycoprotein having a role in immunoadhesion. Mediates in the adhesion of blood neutrophils in cytokine-activated endothelium through interaction with SELPLG/PSGL1. May have a role in capillary morphogenesis.

### **Cellular Location**

Cell membrane; Single-pass type I membrane protein

## **E-Selectin Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## **E-Selectin Antibody - Images**

## **E-Selectin Antibody - Background**

Selectins are a family of carbohydrate-binding proteins involved in mediating cellular interactions with leukocytes. E-Selectin (also called ELMA-1, CD62E) expressed on endothelial cells. L-Selectin (also called LECAM-1) is expressed on the majority of B and naïve T cells and on most monocytes, neutrophils and eosinophils. P-Selectin (also called GMP-140) expressed on activated platelets and endothelial cells. Selectins interact with specific carbohydrates expressed by activated endothelial cells, monocytes, and neutrophils.