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

## Specification

### E-Selectin Antibody - Product Information

| | |
|---|---|
| Application | **WB, IHC, IP** |
| Primary Accession | P16581 |
| 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.** |

**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 Cytomety
- 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, neurophils 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.