

# CD62E/E-Selectin Rabbit mAb

Catalog No.: A23836 **Recombinant**

## Basic Information

### Observed MW

110-120kDa

### Calculated MW

66kDa

### Category

Primary antibody

### Applications

WB,FC,ELISA

### Cross-Reactivity

Human

### CloneNo number

ARC61987

## Background

The protein encoded by this gene is found in cytokine-stimulated endothelial cells and is thought to be responsible for the accumulation of blood leukocytes at sites of inflammation by mediating the adhesion of cells to the vascular lining. It exhibits structural features such as the presence of lectin- and EGF-like domains followed by short consensus repeat (SCR) domains that contain 6 conserved cysteine residues. These proteins are part of the selectin family of cell adhesion molecules. Adhesion molecules participate in the interaction between leukocytes and the endothelium and appear to be involved in the pathogenesis of atherosclerosis.

## Recommended Dilutions

**WB** 1:1000 - 1:4000

**FC** 1:100 - 1:500

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

6401

### Swiss Prot

P16581

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 22-230 of human CD62E/E-Selectin (NP\_000441.2).

### Synonyms

SELE; CD62E; ELAM; ELAM1; ESEL; LECAM2; E-selectin; CD62E/E-Selectin

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

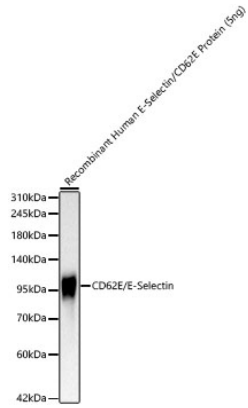
Affinity purification

### Storage

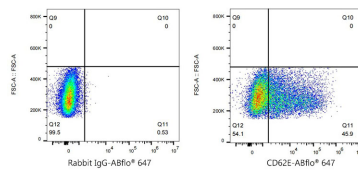
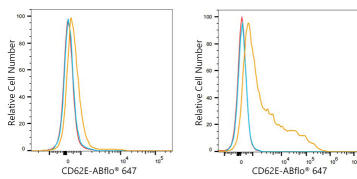
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

## Validation Data



Western blot analysis of Recombinant Human SELE/E-selectin/CD62E Protein (RP00293), using CD62E/E-Selectin Rabbit mAb (A23836) at 1:1000 dilution.  
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
 Lysates/proteins: 5ng per lane.  
 Blocking buffer: 3% nonfat dry milk in TBST.  
 Detection: ECL Basic Kit (RM00020).  
 Exposure time: 30s.



Flow cytometry:  $1 \times 10^6$  HUVEC cells (negative control, Left) and HUVEC cells (treated with TNF- $\alpha$ , Right) were surface-stained with CD62E/E-Selectin Rabbit mAb (A23836, 2  $\mu$ g/mL, orange line) or ABflo® 647 Rabbit IgG isotype control (A22070, 2  $\mu$ g/mL, blue line), followed by Alexa Fluor® 647 conjugated goat anti-rabbit pAb (1:200 dilution) staining. Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry:  $1 \times 10^6$  HUVEC cells (treated with TNF- $\alpha$ , Right) were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 2  $\mu$ g/mL, left) or CD62E/E-Selectin Rabbit mAb (A23836, 2  $\mu$ g/mL, right).