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CD62E/E-Selectin Rabbit mAb

Catalog No.: A23836 Recombinant

Basic Information

Observed MW
110-120kDa (Recombinant Protein)

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 protein (or fragment).This information is considered to be commercially sensitive.

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

Contact

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Product Information

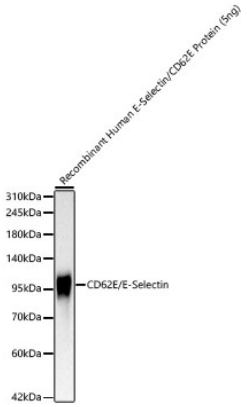
Source
Rabbit

Isotype
IgG

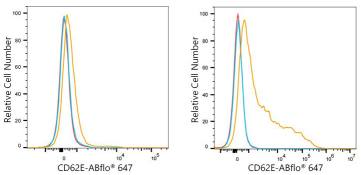
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

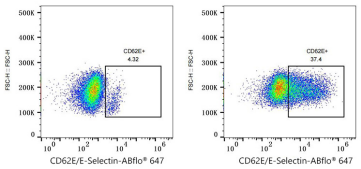
Validation Data



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: 1X10^6 HUVEC cells (negative control, Left) and HUVEC cells(treated with TNF-α,Right) were surface-stained with CD62E/E-Selectin Rabbit mAb(A23836,2μg/mL,orange line) or ABflo® 647 Rabbit IgG isotype control (A22070,2μg/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: 1X10^6 HUVEC cells (untreated,left) and HUVEC cells (treated with 10 ng/ml TNF-α for 6 hours,right) were surface-stained with CD62E/E-Selectin Rabbit mAb (A23836,2 μg/mL), followed by Alexa Fluor® 647 conjugated goat anti-rabbit pAb staining.