CoraLite®594 Anti-Human E-selectin/CD62E Rabbit Recombinant Antibody

Proteintech®
Antibodies | ELISA kits | Proteins
Uni-rAb
www.ptglab.com

Catalog Number:CL594-98189

Basic Information

Catalog Number:
CL594-98189

Size:
100tests , 5 ul/test

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
BC142711

GeneID (NCBI):
6401

UNIPROT ID:
P16581

Full Name:
selectin E

Calculated MW:
610 aa, 67 kDa

Purification Method:
Protein A purification

CloneNo.:
241767H6

Excitation/Emission maxima wavelengths:
588 nm / 604 nm

Applications

Tested Applications:
FC

Species Specificity:
human

Background Information

E-selectin, also known as CD62E or ELAM-1, is a member of the selectin family of adhesion molecules that also includes L-selectin and P-selectin. E-selectin is an inducible endothelial cell surface molecule. Its expression on endothelial cells is transcriptionally upregulated by various proinflammatory substances such as IL-1, TNFα and lipopolysaccharide (LPS). Besides, it can be secreted by endothelial cells, and can be detected in a soluble form (sE-selectin) in serum. During inflammation, E-selectin plays an important part in recruiting leukocytes to the site of injury. (PMID: 2827173; 1382417; 8943958)

Storage

Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
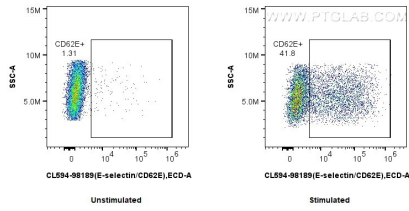PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

Selected Validation Data

1x10^6 untreated or TNF alpha-treated HUVEC cells were surface stained with 5 ul CoraLite®594 Anti-Human E-selectin/CD62E Rabbit RecAb (CL594-98189, Clone: 241767H6). Cells were not fixed.
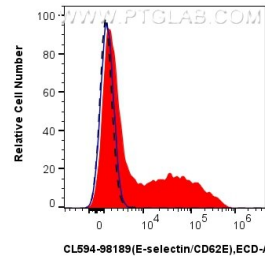
1x10^6 TNF alpha-treated HUVEC cells were surface stained with 5 ul CoraLite®594 Anti-Human E-selectin/CD62E Rabbit RecAb (CL594-98189, Clone: 241767H6) (red) or CoraLite®594 Rabbit IgG Isotype Control RecAb (CL594-98136, Clone: 240953C9) (blue). 1x10^6 untreated HUVEC cells were surface stained with 5 ul CoraLite®594 Anti-Human E-selectin/CD62E Rabbit RecAb (CL594-98189, Clone: 241767H6) (black, dashed). Cells were not fixed.