For Research Use Only

CoraLite® Plus 647 Anti-Human Eselectin/CD62E Rabbit Recombinant Antibody



Catalog Number: CL647-98189

Basic Information

Catalog Number: CL647-98189 Concentration: 100tests, 5 ul/test

Source: Rabbit Isotype:

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

Recommended Dilutions: FC: 5 ul per 10^6 cells in 100 μ l suspension

Excitation/Emission maxima

wavelengths: 654 nm / 674 nm

Applications

Tested Applications:

Species Specificity:

human

Positive Controls:

FC: TNF alpha treated HUVEC cells,

Background Information

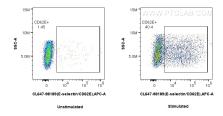
E-selectin, also known as CD62E or ELAM-1, is a member of the selectin family of adhesion molecules that also includes L-selectin and P-selectin. E-selectin is an inducible endothelial cell surface molecule. Its expression on endothelial cells is transcriptionally upregulated by various proinflammatory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

Storage

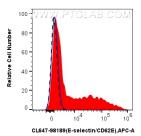
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

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® Plus 647 Anti-Human E-selectin/CD62E Rabbit RecAb (CL647-98189, Clone: 241767H6). Cells were not fixed.



1x10^6 TNF alpha-treated HUVEC cells were surface stained with 5 ul Coralite® Plus 647 Anti-Human E-selectin/CD62E Rabbit RecAb (CL647-98189, Clone: 241767H6) (red) or Coralite® Plus 647 Rabbit IgG Isotype Control RecAb (CL647-98136, Clone: 240953C9) (blue). 1x10^6 untreated HUVEC cells were surface stained with 5 ul Coralite® Plus 647 Anti-Human E-selectin/CD62E Rabbit RecAb (CL647-98189, Clone:241767H6) (black, dashed). Cells were not fixed.