

For Research Use Only

# CoraLite® Plus 647 Anti-Human E-selectin/CD62E Rabbit Recombinant Antibody

Catalog Number: **CL647-98189**



## Basic Information

Catalog Number:

CL647-98189

Concentration:

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

Recommended Dilutions:

FC: 5 ul per 10<sup>6</sup> cells in 100  $\mu$ l suspension

Excitation/Emission maxima wavelengths:

654 nm / 674 nm

## Applications

Tested Applications:

FC

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  $\alpha$  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

For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data

