

For Research Use Only

CoraLite® Plus 488-conjugated E-selectin / CD62E Polyclonal antibody

Catalog Number:CL488-30205



Basic Information

Catalog Number:

CL488-30205

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG31820

GenBank Accession Number:

BC142711

GeneID (NCBI):

6401

UNIPROT ID:

P16581

Full Name:

selectin E

Calculated MW:

610 aa, 67 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF/ICC: 1:50-1:500

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human

Positive Controls:

IF/ICC : HUVEC cells,

Background Information

E-selectin, also known as ELAM-1 or CD62E, 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 (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 -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3

Aliquoting is unnecessary for -20°C storage

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

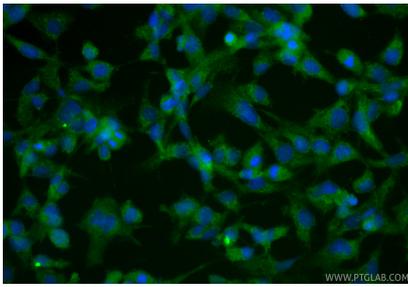
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed HUVEC cells using CoraLite® Plus 488 E-selectin / CD62E antibody (CL488-30205) at dilution of 1:200.