

For Research Use Only

FITC Plus Anti-Mouse E-selectin/CD62E Rabbit Recombinant Antibody

Catalog Number: FITC-98065



Basic Information

Catalog Number:

FITC-98065

Size:

100ug , 500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG0610

GenBank Accession Number:

NM_011345.2

GeneID (NCBI):

20339

UNIPROT ID:

Q00690

Full Name:

selectin, endothelial cell

Calculated MW:

67KD

Purification Method:

Protein A purification

CloneNo.:

240700D4

Recommended Dilutions:

FC: 0.25 ug per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

495 nm / 524 nm

Applications

Tested Applications:

FC

Species Specificity:

mouse

Positive Controls:

FC : bEnd.3 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 (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, pH7.3

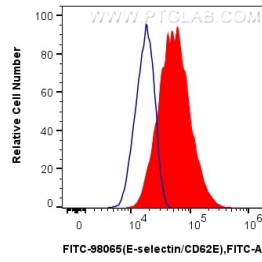
For technical support and original validation data for this product please contact:

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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



1×10^6 bEnd.3 cells were surface stained with 0.25 μ g FITC Plus Anti-Mouse E-selectin/CD62E Rabbit RecAb (FITC-98065, Clone:240700D4) (red), or 0.25 μ g FITC Plus Rabbit IgG Isotype Control RecAb (FITC-98136, Clone: 240953C9) (blue). Cells were not fixed.