

For Research Use Only

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

Catalog Number: FITC-98065



Basic Information

Catalog Number: FITC-98065	GenBank Accession Number: NM_011345.2	Purification Method: Protein A purification
Concentration: 100ug, 500 ug/ml	GeneID (NCBI): 20339	CloneNo.: 240700D4
Source: Rabbit	UNIPROT ID: Q00690	Recommended Dilutions: FC: 0.25 ug per 10 ⁶ cells in a 100 µl suspension
Isotype: IgG	Full Name: selectin, endothelial cell	Excitation/Emission maxima wavelengths: 495 nm / 524 nm
Immunogen Catalog Number: EG0610	Calculated MW: 67KD	

Applications

Tested Applications: FC	Positive Controls: FC : bEnd.3 cells,
Species Specificity: mouse	

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:

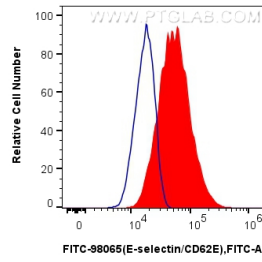
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Selected Validation Data



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.