Anti-Human E-selectin/CD62E Rabbit Recombinant Antibody, PBS Only

Catalog Number:98189-1-PBS

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Basic Information

Catalog Number: 98189-1-PBS	**GenBank Accession Number:** BC142711	**Purification Method:** Protein A purfication
Size: 1mg, 2 mg/ml	**GeneID (NCBI):** 6401	**CloneNo.:** 241767H6
Source: Rabbit	**UNIPROT ID:** P16581	
Isotype: IgG	**Full Name:** selectin E	
	Calculated MW: 610 aa, 67 kDa	

Applications

Tested Applications:
FC, Cytometric bead array, Indirect ELISA

Species Specificity:
human

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 -80℃.
The product is shipped with ice packs. Upon receipt, store it immediately at -80℃
Storage Buffer:
PBS Only

Selected Validation Data

Unstimulated

Stimulated
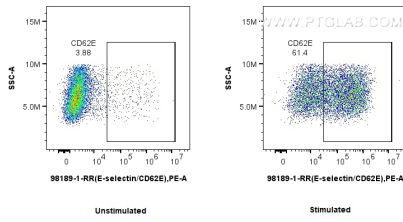
1x10^6 untreated or TNF alpha treated HUVEC cells were surface stained with 0.25 ug Anti-Human E-selectin/CD62E Rabbit Recombinant Antibody (98189-1-RR, Clone: 241767H6) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed. This data was developed using the same antibody clone with 98189-1-PBS in a different storage buffer formulation.
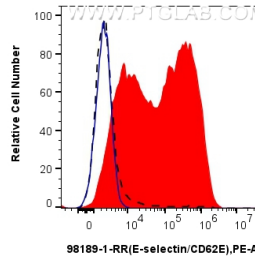
1x10^6 TNF alpha treated HUVEC cells were surface stained with 0.25 ug Anti-Human E-selectin/CD62E Rabbit Recombinant Antibody (98189-1-RR, Clone: 241767H6) (red) or Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). 1x10^6 untreated HUVEC cells were surface stained with 0.25 ug Anti-Human E-selectin/CD62E Rabbit Recombinant Antibody (98189-1-RR, Clone: 241767H6) and PE-
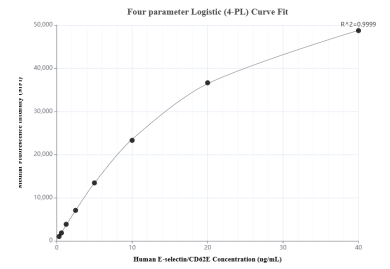
Cytometric bead array standard curve of MP01636-1, E-selectin / CD62E Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84887-2-PBS. Detection antibody: 98189-1-PBS. Standard: RP02341. Range: 0.313-40 ng/mL.