Description:
Species Reactivity: Human
Specificity: Detects human E-Selectin/P-Selectin (CD62E/P). Binds to COS cells transfected with human E-Selectin or human P-Selectin. It does not bind to CHO cells transfected with human ICAM-1, L-Selectin, PECAM-1 or VCAM-1.
Source: Monoclonal Mouse IgG1, Clone # BBIG-E6 (13D5)
Purification: Protein A or G purified from hybridoma culture supernatant
Immunogen: Activated HUVEC human umbilical vein endothelial cells
Conjugate: Phycoerythrin
Excitation Wavelength: 488 nm
Emission Wavelength: 565-605 nm
Formulation: Supplied in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details.
*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

Applications:
Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

Recommended Concentration: 10 µL/10⁶ cells
Sample: See Below

Data:
Flow Cytometry: Detection of E-Selectin/P-Selectin (CD62E/P) in HUVEC Human Cells by Flow Cytometry. HUVEC human umbilical vein endothelial cells treated with Recombinant Human TNF-α (Catalog # 210-TA) were stained with Mouse Anti-Human E-Selectin/P-Selectin (CD62E/P) PE-conjugated Monoclonal Antibody (Catalog # FAB6169P, filled histogram) or isotype control antibody (Catalog # IC002P, open histogram). View our protocol for Staining Membrane-associated Proteins.

Preparation and Storage:
Shipping: The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage: Protect from light. Do not freeze.
- 12 months from date of receipt, 2 to 8 °C as supplied.

Background:
E-Selectin (CD62E) and P-Selectin (CD62P) are related (44% amino acid sequence identity) adhesion molecules containing multiple short complement-like repeats and an N-terminal C-type lectin domain in their extracellular regions. E-Selectin is expressed on activated vascular endothelial cells and P-Selectin occurs on activated platelets and endothelial cells.