Technical Data Sheet

PE Mouse Anti-Human CD62E

Product Information

Material Number: 551145
Alternate Name: E-Selectin
Size: 100 tests
Vol. per Test: 20 µl
Clone: 68-5H11
Isotype: Mouse IgG1, κ
Reactivity: QC Testing: Human
Workshop: VI A090
Storage Buffer: Aqueous buffered solution containing BSA and ≤0.09% sodium azide.

Description

Reacts with the 97-115 kDa cell surface glycoprotein, E-selectin, also known as endothelial-leukocyte adhesion molecule-1 (ELAM-1). E-selectin is thought to be involved in the initial interaction of neutrophils with inflamed endothelium. CD62E is expressed on cytokine-stimulated endothelium, but in minimal amounts on unstimulated endothelium. The adhesion between endothelial E-selectin molecules and a carbohydrate ligand on neutrophils is inhibited by the mAb 68-5H11.

Preparation and Storage

The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.

The antibody was conjugated with R-PE under optimum conditions, and unconjugated antibody and free PE were removed.

Store undiluted at 4°C and protected from prolonged exposure to light. Do not freeze.

Application Notes

Application

Flow cytometry Routinely Tested

Suggested Companion Products

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<tr>
<th>Catalog Number</th>
<th>Name</th>
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<tr>
<td>555749</td>
<td>PE Mouse IgG1, κ Isotype Control</td>
<td>100 tests</td>
<td>MOPC-21</td>
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Product Notices

1. This reagent has been pre-diluted for use at the recommended Volume per Test. We typically use 1 × 10^6 cells in a 100-µl experimental sample (a test).

2. Since applications vary, each investigator should titrate the reagent to obtain optimal results.


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4. For fluorochrome spectra and suitable instrument settings, please refer to our Fluorochrome Web Page at www.bdbiosciences.com/colors.

5. Caution: Sodium azide yields highly toxic hydrazoic acid under acidic conditions. Dilute azide compounds in running water before discarding to avoid accumulation of potentially explosive deposits in plumbing.

6. Source of all serum proteins is from USDA inspected abattoirs located in the United States.

References

