

PERFORMANCE DATA SHEET

1907

*Monoclonal anti-human CD62E (E-selectin)**

mAb name/Clone: HAE-1f

Isotype: Mouse IgG1

Immunogen: TNF activated HUVEC

CATALOG#: 240-020

QUANTITY: 100 µg

CONCENTRATION: 1.0 mg/ml

INFORMATION: Human CD62E (E-selectin) is an adhesion molecule expressed on activated endothelium and facilitates recruitment of leukocytes to sights of acute inflammation and immunological events. CD62E has affinity to Lewis^X (1). Antibody HAE-1f recognizes the lectin domain of CD62E (2). Antibody HAE-1f blocks the function of CD62E.

References: (1). T.P. Kogan, et al, (1995) J Biol Chem 270: 14047-14055. (2). L. Tu, et al, (1996) J Immunol 157: 3995-4004. (3). Leukocyte Typing VI (T. Kishimoto, et al, eds.) Garland Publishing, Inc., New York (1997) p. 416-419.

STORAGE CONDITIONS: *Store at 2 - 5°C.* Freeze/Thawing is not recommended.

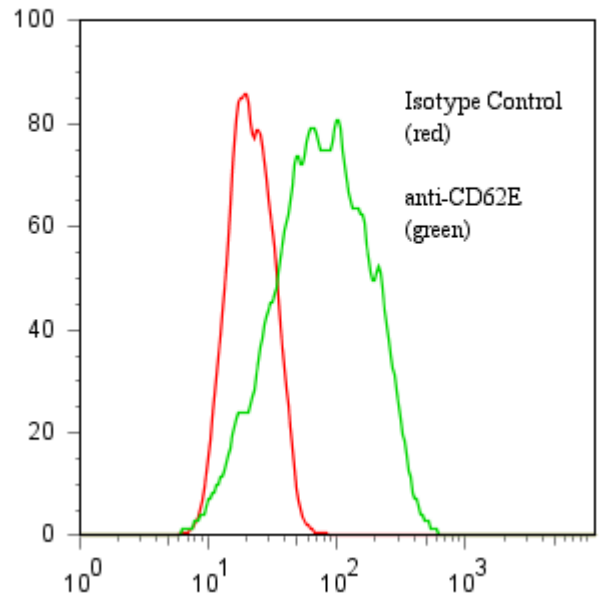
PRODUCT STABILITY: Product should retain activity for at least 12 months after shipping date when stored as recommended. Ship Date: _____

BUFFER: 50 mM Sodium Phosphate pH 7.5, 100 mM Potassium Chloride, 150mM NaCl, 0.5 mg/ml Gentamicin Sulfate (as a preservative).

PRODUCTION: Antibody was Protein A purified from (low FBS containing) tissue culture supernatant. Purity was >95% Immunoglobulin by SDS-PAGE with less than 1% Bovine Immunoglobulin.

PERFORMANCE: Cultured **human umbilical cord vein endothelial cells (HUVEC)** were stimulated 4 hours with 10 ng/ml Phorbol 12-Myristate 13-Acetate. Five x 10⁵ cells per tube were harvested, washed and incubated 45 minutes on ice with 80 µl of anti-CD62E antibody at **5 µg/ml**. Cells were washed twice and incubated with 2^o reagent Goat anti-Mouse IgG/FITC (Catalog #232-011), after which they were washed three times, fixed and analyzed by FACS. Cells stained positive with a mean shift of **0.61 log₁₀** fluorescent units when compared to a Mouse IgG1 negative control (Catalog # 278-010) at a similar concentration.

Binding of anti-CD62E antibody +GAM/FITC to stimulated HUVEC



**This Product is intended for Laboratory Research use only.*

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