ALPHA DIAGNOSTIC INTERNATIONAL

Life Technologies™ Your Molecular & Cell Technology Partner

Catalog# **CD62EUL-100** **Size** **100 ug**

Mouse Anti-Human CD62E

PRODUCT INFORMATION

CLONE: HI62E
ISOTYPE: Mouse IgG2a
Product Forms: Purified.

DESCRIPTION

CD62E McAb recognizes a 115KD type I transmembrane glycoprotein, E-selectin, also called endothelial-leucocyte adhesion molecule-1 (ELAM-1). CD62E is expressed on cytokine (such as IL-2, TNF-α) stimulated endothelium in vitro, transiently expressed on endothelium at sites of acute inflammation in vivo, and is also expressed on endothelium in chronic inflammatory lesions of skin and synovium. Non-inflammatory expression of CD62E has been observed in endothelium in skin, placenta and bone marrow. CD62E mediates leucocyte rolling on activated endothelium at inflammatory sites and may also support tumor cell adhesion during hematogenous metastasis, and plays a role in angiogenesis. Sialyl Lewis X (CD15s) and PSGL-1 (CD162) act as ligands for CD62E.

PREPARATION

The monoclonal antibody is purified from ascites by protein G affinity chromatography.

USAGE

The purified reagent is effective for indirect immunofluorescence staining of human cells for flow cytometric analysis.

STORAGE

For purified forms, long term storage at -20□.
For conjugated forms, storage at 4□, should not be frozen and avoid prolonged exposure to light.

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