

Mouse anti-Human CD62E Monoclonal Antibody | anti-CD62E antibody

Mouse Anti-Human CD62E Monoclonal Antibody, Azide Free Clone B-S3

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA58570	Mouse	Human	ELISA

PRODUCT SYNONYMS

CD62E; Monoclonal Antibody; Mouse Anti-Human CD62E Monoclonal Antibody; Azide Free Clone B-S3; ELAM-1; E-Selectin; anti-CD62E antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG1 Kappa light chain
Clone Number	B-S3
Specificity	Recognizes the Endothelial Leucocyte Adhesion Molecule-1 (ELAM-1), E-selectin, a 97 kDa protein
Form/Format	Phosphate-buffered saline. Sterile-filtered through 0.22 um. Carrier and preservative free.
Applicable Applications for anti-CD62E antibody	ELISA
Hybridoma	Myeloma X63/AG.8653 x Balb/c spleen cells
Immunization	Activated human endothelial cells
Preparation and Storage	Stable at +2-8°C for 12 months. For longer storage freeze aliquots.

ADDITIONAL INFORMATION

Related Product Information for anti-CD62E antibody

E-selectin (CD62E) is a 115 kDa glycoprotein, expressed only on endothelial cells after activation with interleukin-1 (IL-1), tumor necrosis factor- α (TNF α), or bacterial lipopolysaccharides. After stimulation of the endothelial cells, the newly synthesized E-selectin is rapidly detected, with maximum surface expression after 3-6 h and return to basal levels within 24 h. This rapid down-regulation, although poorly understood, has been explained by the release of a soluble form of E-selectin and the internalization of the molecule. This regulation of E-selectin expression could be crucial for controlling leukocyte accumulation in inflammatory responses. Several E-selectin ligands have been identified on leukocytes, but have not yet been cloned. Monoclonal antibodies (mAbs) specific for E selectin have been shown to inhibit leukocyte transmigration. It has been suggested that leukocyte binding to E-selectin on activated endothelium positively regulates CD11b (Mac-1) on leukocytes and induces increased adhesion by the ICAM-1 / Mac-1 interaction.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.