

Mouse monoclonal anti human CD62E (E-selectin) **(Azide-free & Low endotoxin)**

ORDERING INFORMATION

Catalog Number:	gAP-0217
Size:	1.00 mg
Storage:	< -20° C
Immunogen:	Recombinant human CD62E
Ig Type:	Mouse IgG2a
Clone	AP-MAB1617
Endotoxin Level	< 0.002EU/μg IgG*
Applications:	IHC, FC and Blocking

Description: CD62E (also known as E-selectin, ELAM-1, and LECAM-1) is a 115 kD type I membrane protein and a member of the selectin family. CD62E is highly expressed on activated endothelial cells (IL-2, TNF- α , other cytokines can increase expression) and can also be expressed on endothelial cells in the skin, bone marrow and placenta. CD62E is involved in tethering and leucocyte rolling on activated endothelium at inflammatory sites and may also play a role in tumor metastasis and angiogenesis. CD62E binds to both Sialyl Lewis X (CD15s) and PSGL-1 (CD162).

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse immunized with **Recombinant Human CD62E**).

Formulation: The IgG fraction of **culture supernatant** was purified by Protein A/G affinity chromatography and lyophilized from a 0.2 μ m filtered solution in phosphate-buffered saline (PBS, **Azide Free**).

Reconstitution: Reconstitute the antibody with sterile PBS and the reconstituted antibody can be aliquoted and stored frozen at < -20 for at least for six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.** Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C.

***Endotoxin Level:** **Extremely low level of LPS (< 0.002EU/μg IgG)**

Application(s):

- 1. IHC (frozen only)**
- 2. FC**
- 3. Blocking (neutrophils to activated HUVECs)**

*** The antibody is produced by in vitro culture and for research use only**