

ANTIGENIX AMERICA, INC.

PRODUCT INFORMATION SUMMARY

ANTI-Porcine ELAM-1 CD62E

APG625	Purified	0.1 mg
APG625F	FITC	100 Tests
APG625P	Phycoerythrin	100 Tests

ANTIGEN DISTRIBUTION AND SPECIFICITY:

Porcine E Selectin, a 115 KDa molecule expressed on neutrophils. Designated Endothelial-Leukocyte Adhesion Molecule (ELAM), this ligand is possibly involved in neutrophil binding to endothelium. Reported to also recognize a common epitope on CD62P molecule (human).

CLONE: ANTIGENIX AMERICA clone 1.2B6
Immunoglobulin chain composition: Mouse IgG1

CONJUGATION: Fluorescein isothiocyanate; R-Phycoerythrin.

HANDLING AND STORAGE:

All forms are supplied as 1.0 mL of liquid. Fluorochromes should be protected from prolonged exposure to light. Reagents will be in a medium containing 0.01M phosphate-buffered saline, pH 7.4, 0.2% gelatin and 0.1% sodium azide. These preparations should be diluted in a protein-containing or other stabilizing medium to a concentration suitable for use in specific protocols. All reagents in a liquid state should be stored at 2-8° C when not in use.

PRODUCT USE:

For flow cytometry use **10 uL per test**; For immuno-histochemistry, purified Anti-Porcine ELAM-1 should be diluted, using enough reagent to cover the tissue section or cytoprep.

RESEARCH APPLICATIONS:

KNOWN SPECIES CROSS REACTIVITY: This antibody has been observed to recognize **both Human and Porcine E-Selectin**

Flow cytometry and Immunohistology
Inhibition or functional studies (This antibody **inhibits cellular adhesion**).

Development of ELISA

Studies of cellular interactions in the vacuature.

CAUTION: Reagents contain sodium azide. **FOR RESEARCH USE ONLY.**