

ANTI-ELAM-1 CD62E

MA120020 Purified 0.1 mg

MA120030 FITC 100 Tests

MA120070 Phycoerythrin 100 Tests

MA120035 FITC 50 Tests

MA120075 Phycoerythrin 50 tests

ANTIGEN DISTRIBUTION AND SPECIFICITY:

Human 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.

CLONE: clone 1.2B6

Immunoglobulin chain composition: 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-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 **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, a preservative which may react with lead joints in copper drain lines to form explosive compounds. Even though reagents contain minute quantities of sodium azide, drains should be thoroughly flushed with water when reagents are discarded.

**FOR RESEARCH USE ONLY. NOT INTENDED FOR THERAPEUTIC OR
DIAGNOSTIC USE.**