

PRODUCT INFORMATION SUMMARY

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:

ANTIGENIX AMERICA 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 immunohistochemistry, 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.

WARRANTY:

Products sold hereunder are warranted only to conform to the quantity and contents stated on the label at the time of delivery to the customer. There are no warranties, expressed or implied, which extend beyond the description on the label of the product.

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