

PRODUCT INFORMATION SUMMARY

ANTI-CD62L (L-Selectin)

MA620020	Purified	0.1 mg
MA620030	FITC	100 tests
MA620035	FITC	50 tests
MA620070	R-PE	100 tests
MA620075	R-PE	50 tests

ANTIGEN DISTRIBUTION AND SPECIFICITY:

The human CD62L antigen is an adhesion receptor involved in leukocyte binding to activated endothelium. The CD62L marker is found on neutrophils (the sialyl-Lewis X structure, when not on lymphocytes), monocytes, NK cells and T and B lymphocytes. This molecule is ligand for CD62P and CD62E selectins. This antigen is expressed at high density on most CD45RA positive and CD45RO positive peripheral blood T cells (60%) and on subset of Thymocyte progenitors (CD3, CD4 and CD8 multi-negative). A major subset of peripheral blood B cells and thymic B cells is also labeled. It has molecular weight of 76 kDa.

CLONE: ANTIGENIX AMERICA clone FMC46

Immunoglobulin chain composition: Mouse IgG2b

X-REACTIVITY: Observed in primate model (Cyno & Rhesus), and bovine.

CONJUGATION: FITC; R-PE

HANDLING AND STORAGE:

Supplied as 1.0 mL of liquid. Reagents will be in a medium containing 0.01M phosphate-buffered saline, pH 7.4, 1% BSA 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:

Use **10 uL per test** to stain no more than one million cells.; Further dilute (optimize) for histology.

RESEARCH APPLICATIONS:

- * Studies of inflammatory response.
- * Flow cytometric analysis of CD62L bearing cells.

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