

DESCRIPTION

Species Reactivity	Human
Specificity	Binds to CHO cells expressing the human L-Selectin/CD62L protein. It does not recognize CHO cells expressing either the human E-Selectin or human P-Selectin.
Source	Monoclonal Mouse IgG ₁ Clone # 4G8
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Recombinant human L-Selectin/CD62L Extracellular domain
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 nm
Formulation	Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide. *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the Technical Information section on our website.

Flow Cytometry	Titration recommended for optimal concentration with starting range of 0.1-1 µg/1 million cells. Sample used for this experiment was Human PBMC lymphocytes.
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PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. <ul style="list-style-type: none"> 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

L-Selectin (LAM-1, LECAM-1, LECCAM-1, TQ1, Leu-8, MEL-14 antigen, DREG, lymph node homing receptor, CD62L), is a cell surface glycoprotein expressed constitutively on a wide variety of leukocytes. It plays a role in the migration of lymphocytes into peripheral lymph nodes and sites of chronic inflammation, and of neutrophils into acute inflammatory sites.

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