Datasheet for ABIN2689359

anti-L-Selectin antibody

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Overview

Quantity:	0.1 mg
Target:	L-Selectin (SELL)
Reactivity:	Chemical
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This L-Selectin antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Brand:	BD Pharmingen™
Clone:	DREG
Isotype:	IgG1 kappa
Characteristics:	Reacts with a 76-95 kDa glycoprotein referred to as L-selectin or LECAM-1. CD62L is expressed on neutrophils, monocytes, T- and B-lymphocyte subsets and NK cells. Dreg-56 antibody recognizes the same antigen as LAM-1, and specifically inhibits >90 % of binding of human lymphocytes to high endothelial venules (HEV) in frozen sections of peripheral, but not mucosal lymphoid tissue. It thus defines L-selectin as a human lymphocyte homing receptor for peripheral lymph node HEV. This antibody is routinely tested by flow cytometric analysis. Other applications were tested during antibody development only or reported in the literature. Profile of peripheral blood lymphocytes analyzed by flow cytometry. Second step staining with Cat. No. 555988.

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Product Details

	BD Pharmingen™ Purified Mouse Anti-Human CD62L - Purified - Clone DREG-56 - Isotype Mouse IgG1, κ - Reactivity Hu - 0.1 mg
Purification:	The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.

Target Details

Target:	L-Selectin (SELL)
Alternative Name:	CD62L (SELL Products)
Target Type:	Chemical
Background:	Synonyms: L-selectin

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Concentration:	0.5 mg/mL
Buffer:	Aqueous buffered solution containing ≤0.09 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store undiluted at 4°C.

Publications

Product cited in:	Kishimoto, Warnock, Jutila, Butcher, Lane, Anderson, Smith: "Antibodies against human neutrophil LECAM-1 (LAM-1/Leu-8/DREG-56 antigen) and endothelial cell ELAM-1 inhibit a common CD18-independent adhesion pathway in vitro." in: **Blood**, Vol. 78, Issue 3, pp. 805-11, (1991) (PubMed). Kishimoto, Jutila, Butcher: "Identification of a human peripheral lymph node homing receptor: a

rapidly down-regulated adhesion molecule." in: **Proceedings of the National Academy of Sciences of the United States of America**, Vol. 87, Issue 6, pp. 2244-8, (1990) (PubMed).