Datasheet for ABIN2567875

anti-L-Selectin antibody

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Overview

Quantity:	0.1 mg
Target:	L-Selectin (SELL)
Reactivity:	Rat
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This L-Selectin antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunohistochemistry (IHC), Immunoprecipitation (IP), Functional Studies (Func)

Product Details

Clone:	MEL-14
Isotype:	IgG2a kappa
Specificity:	The MEL-14 monoclonal antibody specifically reacts with L- selectin (CD62L), a receptor with lectin-like and Epidermal Growth Factor-like domains.
Purification:	The monoclonal antibody was purified utilizing affinity chromatography and unreacted dye was removed from the product.

Target Details

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

Target Details

Background:	The MEL-14 monoclonal antibody specifically reacts with L- selectin (CD62L), a receptor with lectin-like and Epidermal Growth Factor-like domains. The weight of the CD62L molecules depend on their origin: 74 kDa (on lymphocytes) or 95 kDa (on neutrophils).In the Mouseorganism, CD62L can be expressed by most thymocytes, on subsets of B and T lymphocytes, monocytes, eosinophils, and neutrophils. The L-selectin binds sulfated, fucosylated, and glycosylated glycoproteins (MadCAM-1, GLYCAM-1, and CD 34). It mediates the migration of lymphocytes to the site of inflammation and their return to the peripheral lymphoid tissues and to the HEV (high endothelial venules). In vitro, L-selectin inhibits this binding and the lymphocyte extravasation into peripheral lymph nodes.
Gene ID:	20343
UniProt:	P18337

Application Details

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

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Phosphate-buffered aqueous solution, ≤0.09 % Sodium azide, may contain carrier protein/stabilizer, ph7.2.
Storage:	4 °C
Storage Comment:	The product should be stored undiluted at 4°C and should be protected from prolonged exposure to light. Do not freeze.