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Product Data Sheet

Alexa Fluor® 647 anti-rat CD62L

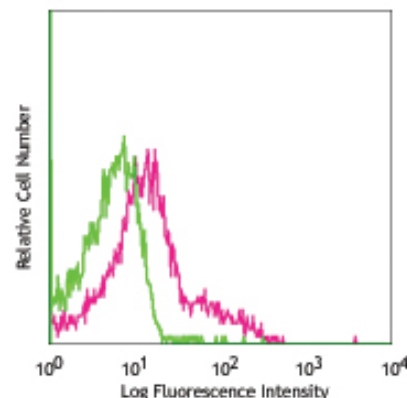|	
Catalog # / Size:	202910 / 100 µg
Clone:	OX-85
Isotype:	Mouse IgG1, κ
Immunogen:	Rat purified CD62L-CD4
Reactivity:	Rat
Preparation:	The antibody was purified by affinity chromatography, and conjugated with Alexa Fluor® 647 under optimal conditions. The solution is free of unconjugated Alexa Fluor® 647.
Formulation:	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
Concentration:	0.5 mg/ml
Storage:	The antibody solution should be stored undiluted at 4°C and protected from prolonged exposure to light. **Do not freeze.**

LOU rat splenocytes stained with OX-85 Alexa Fluor® 647

Applications:

Applications:	FC - *Quality tested*
Recommended Usage:	Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For immunofluorescent staining, the suggested use of this reagent is ≤ 0.25 µg per 10^6 cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.

* Alexa Fluor® 647 has a maximum emission of 668 nm when it is excited at 633nm / 635nm.
** Alexa Fluor® is a registered trademark of Molecular Probes, Inc. Alexa Fluor® dye antibody conjugates are sold under license from Molecular Probes, Inc. for research use only, except for use in combination with microarrays and high content screening, and are covered by pending and issued patents.

Application References: 1. Vosine C. 2002 *J. Immunol.* 169:2284.

Description: CD62L is a 74-95 kD glycoprotein,also known as L-selectin, LECAM-1, Ly-22 and MEL-14.It is a member of the selectin family and is expressed on the majority of B and naïve T cells,a subset of memory T cells,granulocytes ,subsets of thymocytes and NK cells.CD62L is important in lymphocyte homing to high endothelial venules in peripheral lymph nodes and leukocyte “rolling” on activated endothelium. CD62L also contributes to neutrophil emigration at inflammatory sites.CD62L is rapidly shed from lymphocytes and neutrophils upon activation and the expression levels of CD62L (in conjunction with other markers) hae been used to distinguish naïve, effector and memory T cells.CD62L has been reported to interact with)-glycans presented on CD34, GlyCAM-1, and MadCAM-1.

Related Products:	**Product**	**Clone**	**Application**
	Cell Staining Buffer		FC, ICC, ICFC
	RBC Lysis Buffer (10X)		FC, ICFC
	Alexa Fluor® 647 Mouse IgG1, κ Isotype Ctrl (FC)	MOPC-21	FC, IF