

## Anti-CD62L [MEL-14] Vivopure 10 mg Ab00620-2.3-VPT

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This chimeric mouse antibody was made using the variable domain sequences of the original Rat IgG2a format, for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Mouse IgG2a, [Fc Silent™](#), Kappa

**Clone Number:** MEL-14

**Alternative Name(s) of Target:** L-selectin; LECAM-1; Ly-22; MEL14; Leu-8

**UniProt Accession Number of Target Protein:** P18337

**Published Application(s):** IP, Block, FC, IHC

**Published Species Reactivity:** Mouse

**Immunogen:** C3H/eb mouse B lymphoma 38C-13.

**Specificity:** This antibody binds to mouse CD62L the mouse peripheral lymph node homing receptor, which is a lectin-like cell surface protein rapidly down-regulated upon cell activation with phorbol 12-myristate 13-acetate.

**Application Notes:** This antibody detects mouse CD62L and has been reported to inhibit the interaction of neutrophils with endothelial cells in vitro and inhibit the migration of neutrophils from the blood into sites of acute inflammation in the skin (Lewinsohn et al. 1987).

**Antibody First Published in:** Lewinsohn, Bargatze & Butcher Leukocyte-endothelial cell recognition: evidence of a common molecular mechanism shared by neutrophils, lymphocytes, and other leukocytes. J Immunol. 1987 Jun 15;138(12):4313-21. [PMID:3584977](#)

**Note on publication:** Describes the generation of this

## Product Form

**Size:** 10 mg Vivopure products are produced at high purity (>98%), low endotoxin (<0.5 EU/mg) and are formulated without preservatives. As a result Vivopure products are the ideal choice for in vivo research applications.

**Purification:** Protein A affinity purified

**Supplied In:** PBS only, with >98% antibody purity and <1 EU/mg guaranteed.

**Storage Recommendation:** All vivopure products are formulated in PBS only without addition of

preservatives. To ensure optimal storage and prevent microbial contamination, only open and dispense under sterile conditions.

**Concentration:**  $\geq 1\text{mg}$  (see vial label for exact conc)

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.