

## Anti-CD62L [OX-85] Standard Size Ab00563-8.1

This chimeric rat antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Rat IgG2b, Kappa

**Clone Number:** OX-85

**Alternative Name(s) of Target:** L-selectin; LECAM-1; Ly-22; MEL-14; CD62 antigen-like family member L; Leukocyte adhesion molecule 1; LAM-1; Leukocyte-endothelial cell adhesion molecule 1; LECAM1; Lymph node homing receptor; Lymphocyte antigen 22; Lymphocyte surface MEL-14 antigen

**UniProt Accession Number of Target Protein:** P30836

**Published Application(s):** ELISA, FC

**Published Species Reactivity:** Rat

**Immunogen:** This antibody was prepared by immunizing 8 -12-week-old BALB/c mice with purified rat CD62L-CD4

**Specificity:** OX-12 binds to rat antibody kappa light chains - has preference for IgKa allotype.

**Application Notes:** This antibody binds to CD62L expressed on rat lymphocytes, and has been used to show that recombinant soluble rat CD62L-CD4, to which it also binds, is likely to be correctly folded (Nicholson, 1998). This antibody also labels, and can therefore be used to fractionate, the subpopulation of rat CD4+CD8- thymocytes that express L-selectin (Seddon, 1996). Cells with this phenotype are able to protect rats from diabetes upon adoptive transfer, as well as providing B cells with help for secondary antibody responses and mediating local graft-versus-host reactions.

**Antibody First Published in:** Seddon et al. CD4+CD8- thymocytes that express L-selectin protect rats from diabetes upon adoptive transfer *European Journal of Immunology*, Volume 26, Issue 11, 1996, Pages 2702-2708 [PMID:8921958](#)

**Note on publication:** Describes the original use of this antibody to isolate the subpopulation of rat CD4+CD8- thymocytes that express L-selectin.

## Product Form

**Size:** 200 µg Purified antibody.

**Purification:** Protein A affinity purified

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -

20°C.

**Concentration:** 1 mg/ml.

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