

Anti-CD62L [OX-85] Standard Size Ab00563-8.4

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 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, Fc Silent™, 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.