

Anti-CD62L [OX-85] Standard Size Ab00563-23.0

This chimeric rabbit 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: Rabbit IgG, 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.