

Anti-CD62L (MEL-14) In Vivo Antibody - Low Endotoxin

Product Code: ICH1060

Bulk anti-CD62L In Vivo Antibody - Low Endotoxin (MEL-14)

Bio X Cell:

ICH1060 is [up to 37% cheaper](#) for industry than the equivalent product BE0021 from Bio X Cell. **Product Benefits:**

ichorbio's anti-CD62L In Vivo Antibody - Low Endotoxin (MEL-14) is manufactured in a cGMP compliant, ISO Quality Standard 9001:2015 facility. ichorbio's low endotoxin antibodies have half the endotoxin of comparable antibodies from [Bio X Cell](#) at less than 1.0 EU/mg. If ichorbio's low endotoxin antibodies are not low enough we also offer ultra low endotoxin antibodies which have even less endotoxin (<0.5EU/mg) at an even higher purity (98% versus 95%). ichorbio: the best antibodies for *in vivo* research.

Target:

CD62L

Clone:

MEL-14

Size:

ichorbio's MEL-14 *in vivo* antibody is available in the following bulk sizes: 1mg, 5mg, 25mg, 50mg and 100mg ichorbio regularly manufactures multi-gram amounts of our anti-CD62L MEL-14 clone - please contact us for pricing.

Isotype:

Rat IgG2a

Other names:

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L-selectin, Sell, Leukocyte adhesion molecule 1, LAM-1, Leukocyte-endothelial cell adhesion molecule 1, LECAM1, Lymph node homing receptor1, Lymphocyte antigen 221, Ly-221, Lymphocyte surface MEL-14 antigen, Lnhp, Ly-22, Ly22

Uniprot:

[P18337](#)

Host:

Rat

Species Reactivity:

Mouse

Specificity:

Anti-CD62L In Vivo Antibody - Low Endotoxin (MEL-14) recognizes an epitope on Mouse CD62L

Purification Method:

This monoclonal antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.

Antigen Distribution:

Subsets of B and T cells, monocytes, granulocytes, subset of NK cells

Background:

CD62L is a 74-95 kD glycoprotein also known as L-selectin, LECAM-1, Ly-22, and LAM-1. 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, monocytes, granulocytes, most thymocytes, and a subset of NK cells. Furthermore, CD62L is a cell adhesion molecule that binds to many glycoprotein ligands including CD34, GlyCAM-1, and PSGL-1. Clone MEL-14 is reported as a Neutralization antibody.

Immunogen:

C3H/eb mouse B lymphoma 38C-13

Concentration:

1.0 - 5.0 mg/ml

Formulation:

0.01 M phosphate buffered saline (PBS) pH 7.2, 150 mM NaCl with no carrier protein, potassium or preservatives added. BSA and Azide free.

Purity:

>95% by SDS-PAGE and HPLC

>98% by SDS-PAGE and HPLC

Endotoxin:

≤ 1.0 EU/mg as determined by the LAL method

≤ 0.75 EU/mg as determined by the LAL method

Aggregation:

Aggregation level $\leq 5\%$

Aggregation level $\leq 1\%$

Storage:

This antibody is stable for at least 4 weeks when stored at 2-8°C. For long term storage, aliquot in working volumes without diluting and store at -20°C or -80°C. Avoid repeated freeze thaw cycles.

Applications:

Immunoprecipitation, Western Blot, Blocking, Flow Cytometry, IHC (Frozen), CyTOF

Application Notes:

Each investigator should determine their own optimal working dilution for specific applications.

Use:

Products are for research use only.

Isotype Control:

[Rat IgG2a In Vivo Isotype Control - Low Endotoxin \[1-1\] \(ICH2244\)](#)

Antibodies against the same target:

[Anti-CD62L In Vivo Antibody - Low Endotoxin \[DREG56\] \(ICH1017\)](#)

Alternative Names:

- A.11 antibody
- AI528707 antibody
- CD62 antigen ligand antibody
- CD62 antigen-like family member L antibody
- CD62L antibody
- gp90-MEL antibody
- IgA nephropathy, susceptibility to, included antibody
- L Selectin antibody
- L-selectin antibody
- LAM-1 antibody
- LAM1 antibody
- LECAM1 antibody
- LEU8 antibody
- Leukocyte adhesion molecule 1 antibody
- Leukocyte surface antigen Leu-8 antibody
- Leukocyte-endothelial cell adhesion molecule 1 antibody
- Lnhp antibody
- LSEL antibody
- Ly-22 antibody
- Ly-m22 antibody
- Lyam-1 antibody
- LYAM1 antibody

- Lymph node homing receptor antibody
- Lymphocyte adhesion molecule 1 antibody
- Lymphocyte antigen 22 antibody
- Lymphocyte surface MEL-14 antigen antibody
- MEL-14 antibody
- PIn homing receptor antibody
- PLNHR antibody
- Selectin L antibody
- Selectin, lymphocyte antibody
- SELL antibody
- TQ1 antibody