



11 Park Drive, Suite 12
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Rat monoclonal anti mouse CD62L (L-selectin) (Azide-free & Low endotoxin)

ORDERING INFORMATION

Catalog Number:	gAP-0017
Size:	1.00 mg
Storage:	< -20° C
Immunogen:	Mouse B lymphoma
Ig Type:	Rat IgG2
Clone	AP-MAB0824
Endotoxin Level	< 0.002EU/μg IgG*
Applications:	FC, IP, and WB (non-reducing)

Description: CD62L is a 74-95 kD glycoprotein, also known as L-selectin, LECAM-1, Ly-22, LAM-1, and MEL-14. It is a member of the selectin family and is expressed on the majority of B and naive T cells, a subset of memory T cells, monocytes, granulocytes, most thymocytes, and a subset of NK cells. CD62L is important in lymphocyte homing to high endothelial venules (HEV) in peripheral lymph nodes and leukocyte "rolling" on activated endothelium. CD62L also contributes to neutrophil emigration at inflammatory sites. CD62L is rapidly shed from lymphocytes and neutrophils upon cellular activation and the expression levels of CD62L (in conjunction with other markers) have been used to distinguish naive, effector, and memory T cells. CD62L has been reported to interact with CD34, glyCAM-1, and MAdCAM-1.

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a rat immunized with mouse **B lymphoma** cells

Formulation: The IgG fraction of **culture supernatant** was purified by Protein A/G affinity chromatography and lyophilized from a 0.2 μm filtered solution in phosphate-buffered saline (PBS, **Azide Free**).

Reconstitution: Reconstitute the antibody with sterile PBS and the reconstituted antibody can be aliquoted and stored frozen at < -20 for at least for six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.** Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C.

***Endotoxin Level:** Extremely low level of LPS (< 0.002EU/μg IgG)

Application(s):

1. FC, and IP
2. Blocking binding of lymphocytes to Endothelial in vitro
3. Blocking lymphocyte extravasation in vivo.

* The antibody is produced by in vitro culture.

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