



## Product Information Sheet

### **Polyclonal Anti- L-selectin (*Magnetic Bead Conjugate*)**

**Catalogue No.** PA1359- M

**Lot No.** 01310121459124

**Ig type** rabbit IgG

**Size** 100µg/vial

**Specificity**

Rat, mouse

No cross reactivity with other proteins.

**Recommended application**

ImmunoPrecipitation (IP)

**Immunogen**

A synthetic peptide corresponding to a sequence at the middle region of human L-selectin (125-141 aa), identical to the related mouse and rat sequence.

**Purity**

Immunogen affinity purified.

**Contents**

Each vial contains 1mg/ml Magnetic Bead in PBS, pH 7.2, 0.05mg NaN<sub>3</sub>.

**Storage**

Store at 4°C for frequent use.

**Description**

*This Antagene antibody is immobilized by the covalent reaction of hydrazinonicotinamide-modified antibody with formylbenzamide-modified magnetic beads. It is useful for immunoprecipitation.*

### **BACKGROUND**

L-selectin, also known as CD62L, is a cell adhesion molecule found on leukocytes. It belongs to the selectin family of proteins, which recognize sialylated carbohydrate groups. It is cleaved by ADAM17. SELL (L-selectin) is a cell surface component that is a member of a family of adhesion/homing receptors which play important roles in leukocyte-endothelial cell interactions. The molecule is composed of multiple domains: one homologous to lectins, one to epidermal growth factor, and two to the consensus repeat units found in C3/C4 binding proteins.<sup>1</sup> L-selectin acts as a "homing receptor" for leukocytes to enter secondary lymphoid tissues via high endothelial venules. Ligands present on endothelial cells will bind to leukocyte expressing L-selectin, slowing leukocyte trafficking through the blood, and facilitating entry into a secondary lymphoid organ at that point<sup>2</sup>.

### **REFERENCE**

- 1、"Entrez Gene: SELL selectin L (lymphocyte adhesion molecule 1)".
- 2、Cotran; Kumar, Collins (1998). Robbins Pathologic Basis of Disease. Philadelphia: W.B Saunders Company. .