

Technical Data Sheet

PE Anti-Mouse CD62L

Catalog Number: 200503, 200504
Size: 25 tests, 100 tests
Target Name: CD62L, LAM-1, L-selectin, Ly-22
Regulatory Status: RUO

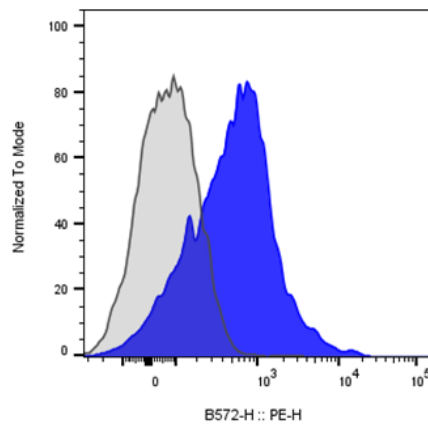
Product Details

Clone: MEL-14
Application: FC
Reactivity: Mouse
Format: PE
Isotype: Rat IgG2a
Antibody Type: Monoclonal
Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA
Protein Concentration: Supplied at a lot-specific concentration.
Storage&Handling: The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. Do not freeze.
Recommended Usage: For flow cytometric staining, it is recommended to use 5 µL of this reagent per 0.5-1.0 million cells in a 100 µL volume. Optimal reagent performance should be determined by titration for each specific application.
Excitation Laser: Blue Laser (488 nm) Green/Yellow laser (532/561nm)

Background Information

CD62L is a ~74–95 kDa (commonly ~75 kDa) single-chain type I transmembrane glycoprotein encoded by the SELL gene. It belongs to the selectin family of membrane-anchored, calcium-dependent C-type lectins (alongside CD62E and CD62P) that bind to specific carbohydrate ligands. Like other selectins, CD62L recognizes sialylated carbohydrate structures, including the Sialyl Lewis X (sLeX/CD15s) determinant, via its C-type lectin domain. High-affinity ligands include certain glycoforms of CD34, GlyCAM-1, and MAdCAM-1, while binding to sLeX-related oligosaccharides occurs with lower affinity.

Product Data



Mouse splenocytes stained with either PE Anti-mouse CD62L clone MEL-14 (blue histogram) or an isotype control (gray histogram).