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PeliCluster Anti-CD62P	REF M9048BBC
346 version 01 Issued 20-FEB-2025 (en)	RUO-Research Use Only

General Information

The monoclonal antibody is directed against the CD62P antigen, a 140 kDa transmembrane glycoprotein also known as P-selection, GMP-140 or PADGEM.⁽¹⁾ CD62P belongs to the family of adhesion molecules and is expressed in thrombocytes (platelet) alpha granules and Weibel-Palade bodies of endothelial cells. Upon activation CD62P is expressed on the cell surface.

PeliCluster Anti-CD62P antibody has been evaluated in flow cytometry, other techniques need to be validated by the user. It is recommended to test the antibody by titration of the product in the used technique using appropriate negative/positive controls.

Characteristics

Type: Monoclonal antibody

Isotype: Mouse IgG1-κ

Clone: CLB-tromb/6, C2

Composition

Product: PeliCluster Anti-CD62P

Buffer: 20 mM Borate buffer, 150 mM NaCl, pH 8.8 (see website for Safety Data Sheet)

Concentration: see Certificate of Analysis (search on the website for lot number)

Aliquots: 5 mg

Preservative: none

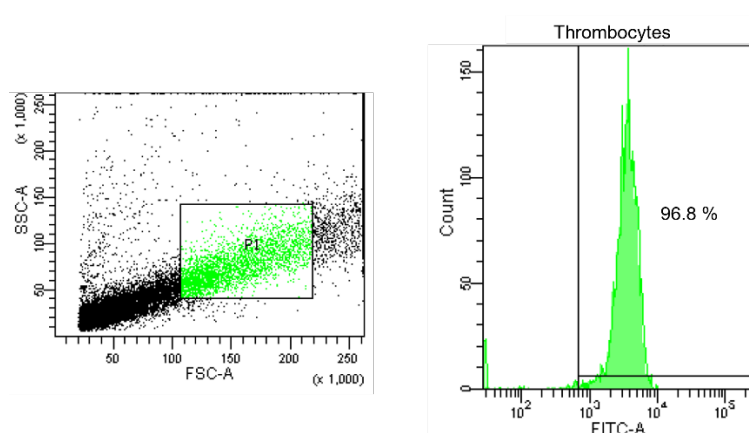


Figure 1 FITC-conjugated PeliCluster Anti-CD62P was used for flowcytometric staining of activates thrombocytes. **A** FSC/ SSC gate to define thrombocytes (PI, green). **B** Define percentage of CD62P-positive thrombocytes.

Storage

This product is shipped and stored at 2- 8°C . Do not freeze.

Precautions and Warnings

For Research Use Only. Not for use in diagnostic procedures. . Leaking or damaged vials must not be used. Contains Boric acid (<0.3%) due to concentration no CMR classification, EUH210: Safety Data Sheet available on request. The reagent cannot be assumed to be free from infectious agents. Waste disposal, after completion of the test, should be performed according to your laboratory regulations.

References

- 1 Le' Ne Ruchaud-Sparagano M-HI, Malaud E, Gayet O, Chignier E, Buckland R, Mcgregor JL. Mapping the epitope of a functional P-selectin monoclonal antibody (LYP20) to a short complement-like repeat (SCR 4) domain : use of human-mouse chimaera and homologue-replacement mutagenesis. 1998.

Disclaimer

Product PeliCluster Anti-CD62P should be stored directly upon arrival, and after use, at 2-8 °C. FOR RESEARCH USE ONLY, See attachment. Essange Reagents declines all responsibility arising from any deviation thereof.

Changes to Previous Version

This is the first version using template v1.0.