Anti-Human CD141-166Er

Catalog: 3166017B
Package Size: 100 tests
Storage: Store product at 4°C. Do not freeze.
Reactivity: Human

**Technical Information**

**Validation:** Each lot of conjugated antibody is quality control tested by CyTOF® analysis of stained cells using the appropriate positive and negative cell staining and/or activation controls.

**Recommended Usage:** The suggested use is 1 µl for up to 3 X 10^6 live cells in 100 µl. It is recommended that the antibody be titrated for optimal performance for each of the desired applications.

**Human PBMCs stained with 166Er-anti-CD141(M80) and 161Dy-anti-CD14(M5E2). Total viable cells are displayed in the analysis.**

**Description**

CD141, also known as thrombomodulin, is a 75kDa, single chain, type I membrane glycoprotein that binds to and allosterically activates thrombin. After binding to thrombin, this complex cleaves protein C and the Thrombin Activatable Fibrinolysis Inhibitor (TAFI), initiating an important anticoagulant and antifibrinolytic pathway. CD141 is expressed on macrophages, monocytes, a subpopulation of myeloid dendritic cells, vascular endothelial cells, and keratinocytes. Soluble CD141 is constitutively present in the serum at a very low level, and can be upregulated during inflammation.

**References**


**For technical support visit fluidigm.com/support**

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