**Anti-Human Semaphorin 6A-163Dy**

Catalog: 3163018B

Clone: 169203

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.

**Description**

Semaphorins are a large family of secreted and transmembrane proteins that act as axonal growth cone guidance molecules during neuronal development. Semaphorins are also expressed in non-neuronal tissues and are involved in angiogenesis, hematopoiesis, organogenesis, and the regulation of immune functions. All semaphorins contain a conserved extracellular semaphorin (Sema) domain of 500 amino acids at the N terminus. Human Semaphorin 6A is a transmembrane protein comprised of an extracellular domain, a transmembrane domain, and a long cytoplasmic tail. It is a cell surface receptor for PLXNA2 that plays an important role in cell-cell signaling.

**References**


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

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