Anti-Human CD49a-163Dy
Catalog: 3163015B
Clone: TS2/7
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
The monoclonal antibody TS2/7 binds specifically to human CD49a, also known as integrin alpha 1. CD49a, also known as α1 integrin, VLA-1 α chain, or Integrin α1, is a 200 kD type I transmembrane glycoprotein. CD49a binds with the integrin β 1 subunit (CD29) to form the α 1/ β 1 heterodimer (CD49a/CD29), and serves as receptor for laminin-1 and collagen. CD49a is expressed on activated T cells, monocytes, neuronal cells and smooth muscle cells. There is evidence that CD49a plays a role in cell attachment during the development of the central and peripheral nervous systems.

References


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