Anti-Human CD166-164Dy

Catalog: 3164022B
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

CD166, also known as activated leukocyte cell adhesion molecule (ALCAM), is a transmembrane glycoprotein that functions as a ligand for the CD6 molecule. CD166 belongs to the immunoglobulin superfamily and is broadly expressed on activated T cells, activated monocytes, epithelial cells, fibroblasts, and neurons. CD166 has also been detected in melanoma, colorectal carcinoma, as well as cancers of the breast, prostate, and bladder. CD166 plays an important role in mediating adhesion interactions between thymic epithelial cells and CD6+ cells during T cell development in the thymus. Its expression can also be used as a prognostic marker for several cancers and as a potential cancer stem cell marker.

References


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