Anti-Human CD146-155Gd

Catalog: 3155006B
Package size: 100 tests
Storage: Store product at 4 °C. Do not freeze.
Cross-reactivity: Rabbit, Mouse, Canine

Clone: P1H12
Isotype: Mouse IgG1
Formulation: Antibody stabilizer with 0.05% sodium azide

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

Monoclonal antibody P1H12 specifically reacts with CD146, also known as MUC18, E-Endo, MCAM and Mel-CAM (melanoma cell adhesion molecule). CD146 is a 118 kDa integral transmembrane glycoprotein in the immunoglobulin superfamily. CD146 is expressed on a variety of cell types including melanoma cells, epithelial cells, endothelial cells, fibroblasts, activated T cells, multipotent mesenchymal stromal cells and activated keratinocytes. CD146 has a currently unknown ligand and it has been reported to mediate heterophilic cell adhesion and regulates monocyte transendothelial migration.

References


For technical support visit fluidigm.com/support.