Anti-Human CD54-170Er

Catalog: 3170014B
Package Size: 100 tests
Storage: Store product at 4°C. Do not freeze.
Reactivity: Human,

Clone: HA58
Isotype: 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

The HA58 monoclonal antibody specifically binds to ICAM-1 (intracellular adhesion molecule-1), an 85-110 kDa type I transmembrane glycoprotein that belongs to the immunoglobulin supergene family, also known as CD54. CD54 is a ligand for Mac-1 (CD11b/CD18) and LFA-1 (CD11a/CD18). CD54 is expressed on macrophages, lymphocytes, dendritic cells, monocytes, granulocytes, and thymic stromal cells. CD54 is also present on non-immune cells such as hepatocytes, cardiomyocytes, and vascular smooth muscle cells. Additionally, it has been found that CD54 expression can be induced in vitro by proinflammatory cytokines, such as IFN-gamma, IL-1, CCL2, or TNF-alpha.

References


For technical support visit fluidigm.com/support

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