Anti-Vimentin-154Sm

Catalog: 3154014A
Clone: D21H3
Package Size: 50 tests
Isotype: IgG
Storage: Store product at 4°C. Do not freeze.
Reactivity: Rat, Mouse, Human, Monkey
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

Vimentins are class-III intermediate filaments found in various non-epithelial cells, especially mesenchymal cells. It is highly expressed in fibroblasts, low in T- and B-lymphocytes, and little or no expression in Burkitt's lymphoma cell lines. It is also expressed in many hormone-independent mammary carcinoma cell lines. Vimentin's dynamic structural changes and spatial re-organization in response to extracellular stimuli help to coordinate various signaling pathways.

Remodeling of vimentin and other intermediate filaments is important during lymphocyte adhesion and migration through the endothelium.

References


For technical support visit fluidigm.com/support

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