Anti-Phospho-Tyrosine-144Nd

Catalog: 3144003A
Clone: P-Tyr-100
Package Size: 50 tests
Isotype: IgG1
Storage: Store product at 4°C. Do not freeze.
Reactivity: All,
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

An essential mechanism of cellular signal transduction is the phosphorylation of proteins at tyrosine, threonine, and serine residues. An increase in total cellular phosphotyrosine levels indicates a shift in the balance of tyrosine protein kinases and phosphates. Constitutively high total phosphotyrosine levels can be indicative of a dysregulated kinase, as in the case of the oncogenic BCR-ABL fusion protein.

References


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