Anti-Human Syk-149Sm

Catalog: 3149020B
Package size: 100 tests
Storage: Store at 4 °C. Do not freeze.

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 10⁶ live cells in 100 µL. It is recommended that the antibody be titrated for optimal performance for each of the desired applications.

Description

Syk is a cytoplasmic 72 kDa nonreceptor tyrosine kinase that plays an important role in intracellular signal transduction in hematopoietic cells. Syk is widely expressed in hematopoietic cells, including B lymphocytes, immature (CD4, CD8 double-negative and CD8 double-positive) thymocytes, myeloid cells, epithelial cell lines and normal breast tissue. The Syk kinase couples the activated immunoreceptors to downstream signaling events that mediate cellular proliferation, differentiation and phagocytosis.

References


RBC-lysed human whole blood cells were fixed, permeabilized, and stained with 154Sm-anti-CD45 (HI30) and 149Sm-anti-Syk (4D10.2). Total viable cells are displayed in the analysis.

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