Anti-Human CD172a/b-163Dy

Catalog: 3163017B
Package Size: 100 tests
Storage: Store product at 4°C. Do not freeze.
Reactivity: Human,

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

CD172a/b, also known as signal-regulatory protein α (SIRPα/β), is a 75-110 kDa transmembrane glycoprotein in immunoglobulin superfamily. It consists of three Ig-like extracellular domains and two cytoplasmic immunoreceptor tyrosine-based inhibitory motifs (ITIMs). The interaction of ITIMs with the Src homology 2 domain-containing phosphatases SHP-1 and SHP-2 produces negative signaling in the regulation of leukocyte adhesion and transmigration, T cell activation, macrophage fusion, and phagocytosis. CD172a is expressed on monocytes/macrophages, granulocytes, dendritic cells, and neurons, but not on T and B lymphocytes.

References
