CD150 Monoclonal Antibody (Clone IPO-3)
Item No. 10004804

Contents: This vial contains 100 µg of affinity-purified IgG1 in 100 µl PBS, pH 7.2
Synonyms: CDw150, IPO-3, SLAM
Host: Mouse, clone IPO-3
Cross Reactivity: (+) Human CD150; other species not tested.
Stability: ≥1 year at 4°C
Applications: Flow cytometry, immunocytochemistry, immunohistochemistry (frozen sections), and immunoprecipitation; the recommended starting dilution for these applications is 1-10 µg/ml. A dilution of 10 µg/ml is recommended for receptor ligation experiments.1,2

Revealing the molecular signals involved in B and T cell activation is critical to the future discovery of therapeutics that can augment cell-mediated immune responses to disease.1-3 CD150 is a type I transmembrane glycoprotein that is involved in signal transduction of antigen specific responses in B and T cells. It is expressed by activated B cells isolated from tonsils and peripheral blood, B cells in germinal centers and mantle zone of lymph nodes, immature thymocytes, and CD45RO 'CD45RA' subpopulation of T cells.4,5 This antibody has been used to detect CD150 in neoplastic cells from diffuse large B-cell lymphoma, Hodgkin's disease, hairy cell leukemia, and some tumors of ectodermal origin.6

References

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