Monoclonal Antibody to CD165
Purified Antibody (0.1 mg)

Clone: SN2
Isotype: Mouse IgG1
Specificity: The mouse monoclonal antibody SN2, also known as SN2 N6-D11, recognizes CD165, an approximately 37-42 kDa transmembrane glycoprotein expressed mainly on leukemic T cells, double positive and double negative thymocytes (CD4-CD8-, CD4+CD8+), and platelets.
HLDA VI: WS Code N-L099
Regulatory Status: RUO
Immunogen: CD165 purified from human Molt-4 cell line
Species Reactivity: Human
Application: Flow Cytometry
             Immunoprecipitation
             Western Blotting
             Immunohistochemistry (frozen sections)
             Application note: acetone fixation
             Immunocytochemistry
Purity: > 95% (by SDS-PAGE)
Purification: Purified from cell culture supernatant by protein-A affinity chromatography.
Concentration: 1 mg/ml
Storage Buffer: Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.4
Storage / Stability: Store at 2-8°C. Do not freeze. Do not use after expiration date stamped on vial label.
Expiration: See vial label
Lot Number: See vial label
Background: CD165 is a poorly characterized transmembrane protein highly expressed on platelets and many leukemic T cell lines. At lower level it is expressed on a proportion of circulating T cells and monocytes, on thymic epithelium, fibroblasts, epidermal keratinocytes, pancreatic islet cells, and some neurons. It might have a role in adhesion between thymocytes and thymic epithelial cells and it can be used as a marker for tumor progression.

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