



1P-165-T025

Monoclonal Antibody to CD165 Phycoerythrin (PE) conjugated (25 tests)

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
Preparation:	The purified antibody is conjugated with R-Phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography and adjusted for direct use. No reconstitution is necessary.
Storage Buffer:	The reagent is provided in stabilizing phosphate buffered saline (PBS) solution containing 15mM sodium azide.
Storage / Stability:	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. Do not use after expiration date stamped on vial label.
Usage:	The reagent is designed for Flow Cytometry analysis of human blood cells using 10 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (0.25 ml) is sufficient for 25 tests.
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.
References:	*Seon BK, Negoro S, Barcos MP, Tebbi CK, Chervinsky D, Fukukawa T: Monoclonal antibody SN2 defining a human T cell leukemia-associated cell surface glycoprotein. J Immunol. 1984 Apr;132(4):2089-95. *Seon BK: Specific killing of human T-leukemia cells by immunotoxins prepared with ricin A chain and monoclonal anti-human T-cell leukemia antibodies. Cancer Res. 1984 Jan;44(1):259-64.

Unless indicated otherwise, all products are For Research Use Only and not for diagnostic or therapeutic use. Not for resale or transfer either as a stand-alone product or as a component of another product without written consent of EXBIO. EXBIO will not be held responsible for patent infringement or other violations that may occur with the use of our products. All orders are accepted subject to EXBIO's term and conditions which are available at www.exbio.cz.

For laboratory research only, not for drug, diagnostic or other use.

EXBIO Praha | Nad Safinou II 341 | 252 50 Vestec u Prahy | Czech Republic
Tel: +420 261 090 666 | Fax: +420 261 090 660 | orders@exbio.cz | www.exbio.cz