

Mouse Anti Human CD43 Purified

PRODUCT INFORMATION

CLONE: HI165
ISOTYPE: Mouse IgG1
WS.No.: VI N-L110
CATALOG#: A6661/A6661-bulk
CONTENTS: Purified antibody buffered in 10mM PBS (pH 7.0) with 0.1% NaN₃.

DESCRIPTION

CD43 McAb recognizes a 95-135KD type I single chain transmembrane sialoglycoprotein also called leukosialin or sialophorin. CD43 antigen is expressed typically at high levels on all leukocytes except most resting B lymphocytes; pre-B cells and activated B cells do express CD43 antigen. Expression on platelets is weak and on erythrocytes and non-hematopoietic cells are negative. It was reported that CD43 antigen may be absent from T lymphocytes of patients with Wiskott-Aldrich syndrome.

PREPARATION

The monoclonal antibody is purified from ascites by protein G affinity chromatography.

USAGE

The purified reagent is effective for indirect immunofluorescence staining of human cells for flow cytometric analysis and is tested for immunohistochemical staining of acetone-fixed frozen sections and formalin-fixed paraffin sections.

STORAGE

Store at 4°C. For long-term storage aliquot and store at -20°C. Avoid freeze and thaw cycles.

REFERENCES

Tadamitsu K, K.Hitoshi, A.E.G.Kr.van dem Borne, et al., eds. 1997. Leucocyte Typing VI: White Cell Differentiation Antigens. P: 494—496, 1142 Garland Publishing, Inc., New York.

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