ALPHA DIAGNOSTIC INTERNATIONAL

Mouse Anti-Human CD21-PE-Cy5-conjugate

Catalog # CD21PC-100 Size 100 tests
Catalog # CD21PC-25 Size 25 tests

PRODUCT INFORMATION

CLONE: HI21a
ISOTYPE: Mouse IgG2a
Product Forms: Purified, FITC conjugation.

DESCRIPTION

CD21 McAb recognizes a 145 KD type I transmembrane glycoprotein which is C_3d complement receptor (CR2) and Epstein-Barr virus receptor (EBVR). CD21 antigen is expressed on mature B cells, follicular dendritic cells, and expressed weakly on subsets of normal thymocytes and T cells, and certain epithelial cells, but is absent from NK cells, granulocytes and monocytes. Some cells of B-CLL and T-ALL also express CD21 antigen. CD21 may play a role in B cell activation and proliferation.

PREPARATION

The monoclonal antibody is purified from ascites by protein G affinity chromatography and is conjugated with FITC under optimum conditions.

USAGE

The purified reagent is effective for indirect immunofluorescence staining of human cells for flow cytometric analysis and is tested for immunohistochemical staining of formalin–fixed paraffin sections.
The conjugated reagent (FITC) is tested for flow cytometric analysis using 20µl/10^6 cells or 100µl peripheral blood cells.

STORAGE

For purified forms, long term storage at -20□.
For conjugated forms, storage at 4□, should not be frozen and avoid prolonged exposure to light.

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