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**Mouse Anti-Human CD21-FITC conjugate**

**Catalog #**    **CD21F-100**    **Size**    **100 tests**  
**Catalog #**    **CD21F-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<sub>3</sub>d 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<sup>6</sup> cells or 100µl peripheral blood cells.

**STORAGE**

For purified forms, long term storage at -20°C.

For conjugated forms, storage at 4°C, should not be frozen and avoid prolonged exposure to light.