

Mouse Anti Human CD20 FITC

PRODUCT INFORMATION

CLONE: HI20a
ISOTYPE: Mouse IgG2a
CATALOG#: A6382/A6392
CONTENTS: FITC conjugated antibody buffered in 10mM PBS (pH 7.0) with 0.05% NaN₃ and 1% BSA.

DESCRIPTION

CD20 McAb recognizes a 33-37 KD type III unglycosylated phosphoprotein which crosses the cell membrane four times called TM4. CD20 antigen is expressed on pre-B cells, resting/activated B cells and corresponding neoplastic B cells, but is absent from plasma cells. HI20a antigen is present on 8-16% of normal peripheral blood lymphocytes. CD20 functions the regulation of B lymphocyte 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 FITC conjugation is tested for flow cytometric analysis using 20 μ l/10⁶ cells or 100 μ l peripheral blood cells.

STORAGE

Store at 4°C, should not be frozen and avoid prolonged exposure to light.

Use For Research Only