

Mouse anti-Human, Horse CD21 Monoclonal Antibody | anti-CD21 antibody

MOUSE ANTI HUMAN CD21:FITC

CATALOG # AAA50482	HOST Mouse	REACTIVITY Human, Horse	APPLICATIONS Flow Cytometry, Functional Assay
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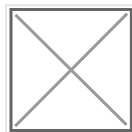
PRODUCT SYNONYMS

CD21; Monoclonal Antibody; MOUSE ANTI HUMAN CD21:FITC; CR2; anti-CD21 antibody

PRODUCT SPECIFICATIONS

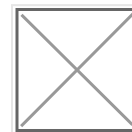
Host	Mouse
Reactivity	Human, Horse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	Bu33
Purity/Purification	Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant
Form/Format	Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid FITC, Purified, RPE Phosphate buffered saline 0.09% Sodium Azide (NaN ₃) 1% Bovine Serum Albumin
Concentration	IgG concentration 0.1mg/ml (varies by lot)
Applicable Applications for anti-CD21 antibody	FCM/FACS (Flow Cytometry)
Preparation and Storage	IgG concentration 0.1mg/ml

IMAGES



Application Data

Figure A. StarBright Yellow 575 conjugated Mouse anti Human CD19 and FITC conjugated Mouse IgG1 isotype control . Figure B. StarBright Yellow 575 conjugated Mouse anti Human CD19 and FITC conjugated Mouse anti Human CD21 (AAA50482). All experiments performed on red cell lysed human blood gated on single cell lymphocytes, in the presence of 10% human serum. Data acquired on the ZE5 Cell Analyzer.



Application Data

Mouse anti Human CD21 antibody, clone Bu33 used to stain formalin fixed, paraffin embedded human spleen sections by immunohistochemistry, visualized by biotinylated anti-Mouse IgG and streptavidin alkaline phosphatase (red). Nuclei were counterstained with hematoxylin (blue).

ADDITIONAL INFORMATION

Related Product Information for anti-CD21 antibody	Mouse anti Human CD21, clone Bu33 recognizes human CD21, a ~145 kDa cell surface glycoprotein expressed by mature B lymphocytes, follicular dendritic cells, subsets of normal thymocytes and subsets of T cells. The CD21 molecule acts as a receptor for CD23, for complement components C3d, C3dg and iC3b and for Epstein Barr Virus. CD21 is part of the signalling complex that is linked to CD19, CD81 and phosphatidylinositol-3-kinase.
Product Categories/Family for anti-CD21 antibody	Primary

NCBI AND UNIPROT INFORMATION

NCBI GeneID	1380
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd21-antibody-clone-bu33-flow-cytometry-elisa/50482>