

Elab Fluor® 488 Anti-Human CD20 Antibody[Rituximab]

Catalog Number: AN00776L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

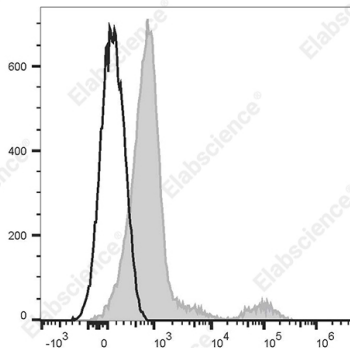
Reactivity	Human
Host	Human
Isotype	Human IgG1, κ
Clone No.	Rituximab
Isotype Control	Elab Fluor® 488 Anti-Human IgG1 Isotype Control Antibody[MOPC21.1] [Product AN00840L]
Conjugation	Elab Fluor® 488
Conjugation Information	Elab Fluor® 488 is designed to be excited by the Blue laser (488 nm) and detected using an optical filter centered near 520 nm (e.g., a 525/40 nm bandpass filter).
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

Applications

Recommended usage

FCM	Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5 μL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.
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Data



Human peripheral blood lymphocytes are stained with Elab Fluor® 488 Anti-Human CD20 Antibody[Rituximab] (filled gray histogram). Unstained lymphocytes (empty black histogram) are used as control.

Preparation & Storage

Storage	Keep as concentrated solution. This product can be stored at 2-8°C for 24 months. Please protected from prolonged exposure to light and do not freeze.
Shipping	Ice bag

Antigen Information

Alternate Names	Rat C3bi receptor, Rat CR3 complement receptor, ITGAM, ITGAX
Uniprot ID	P11836
Gene ID	931

For Research Use Only

Background

CD20 is expressed on pre-B-cells, naive and activated B cells, memory B cells, and at lower levels on a small subset of T cells but is absent from plasmablasts and plasma cells. It is also expressed on most malignant B cells and CD20-positive T-cell lymphomas. CD20 functions in mediating calcium transport and B cell activation, differentiation, and survival.