

## PerCP/Cyanine5.5 Anti-Human CD20 Antibody[Rituximab]

Catalog Number: AN00776J

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

### Description

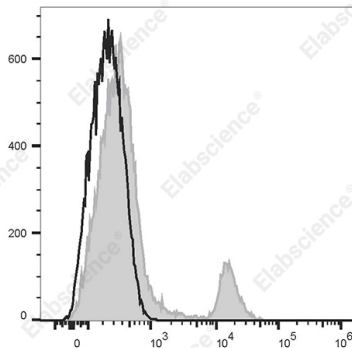
Reactivity	Human
Host	Human
Isotype	Human IgG1, $\kappa$
Clone No.	Rituximab
Isotype Control	PerCP/Cyanine5.5 Anti-Human IgG1 Isotype Control Antibody[MOPC21.1] [Product AN00840J]
Conjugation	PerCP/Cyanine 5.5
Conjugation Information	PerCP/Cyanine 5.5 is designed to be excited by the blue laser (488 nm) and detected using an optical filter centered near 675 nm (e.g., a 690/50 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. <b>The amount of the reagent is suggested to be used 5 <math>\mu</math>L of antibody per test (million cells in 100 <math>\mu</math>L staining volume or per 100 <math>\mu</math>L of whole blood).</b> 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 PerCP/Cyanine 5.5 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 12 months. Please protected from prolonged exposure to light and do not freeze.
Shipping	Ice bag

### Antigen Information

Alternate Names	B1;Bp35;LEU-16;MS4A1;AN007760
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.