

## iF488 Anti-Human CD20 Antibody

<b>Catalog Number:</b>	101303, 101304
<b>Size:</b>	25 tests, 100 tests
<b>Target Name:</b>	CD20, MS4A-1
<b>Regulatory Status:</b>	RUO

### PRODUCT DETAILS

---

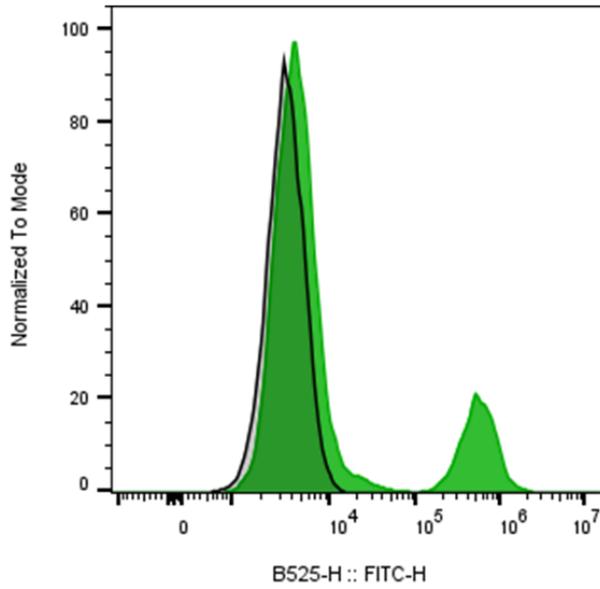
<b>Clone:</b>	020AR1
<b>Application:</b>	Flow Cytometry
<b>Reactivity:</b>	Human
<b>Format:</b>	iF488
<b>Isotype:</b>	Rat IgG1
<b>Antibody Type:</b>	Monoclonal
<b>Formulation:</b>	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA
<b>Protein Concentration:</b>	Supplied at a lot-specific concentration.
<b>Storage and Handling:</b>	The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. Do not freeze.
<b>Recommended Usage:</b>	For flow cytometric staining, it is recommended to use 5 uL of this reagent per 0.5-1.0 million cells in a 100 µL volume. Optimal reagent performance should be determined by titration for each specific application.
<b>Excitation Laser:</b>	Blue Laser (488 nm)
<b>Isotype Control:</b>	300102
<b>Storage&amp;Handling:</b>	The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. Do not freeze.

### BACKGROUND INFORMATION

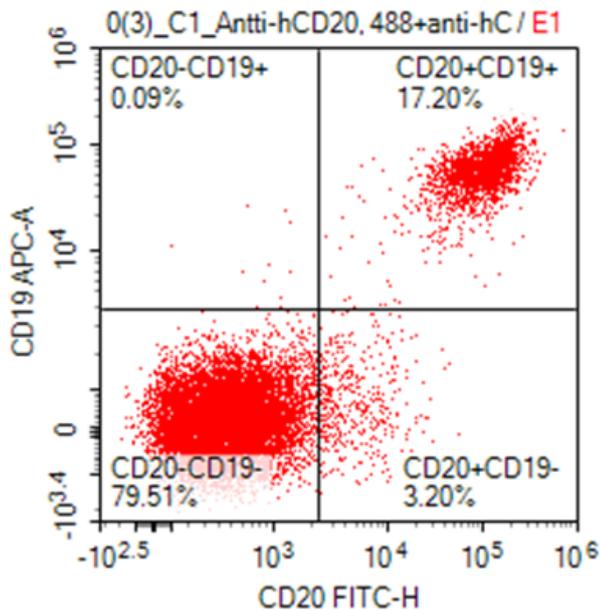
---

B-lymphocyte antigen CD20 or CD20 is expressed on the surface of all B-cells beginning at the pro-B phase (CD45R+, CD117+) and progressively increasing in concentration until maturity. expressed in B-cell lymphomas, hairy cell leukemia, and B-cell chronic lymphocytic leukemia. The protein has no known natural ligand[9] and its function is to enable optimal B-cell immune response, specifically against T-independent antigens.[10] It is suspected that it acts as a calcium channel in the cell membrane. CD20 has been linked to the signaling propensity of B-cell receptor (BCR).

PRODUCT DATA



Human peripheral blood lymphocytes were stained with iF488 Anti-Human CD20 clone 020AR1 (color-filled histogram) or an isotype control (gray histogram).



Human peripheral blood lymphocytes stained with iF488 anti-human CD20 clone 020AR1 and iF647 anti-human CD19 clone 019AM2b

This product is supplied subject to the terms and conditions at [www.innocyto.com/web/terms.php](http://www.innocyto.com/web/terms.php) and may only be used as provided in the stated terms. Products are for Research Use Only.