

#### DESCRIPTION

<b>Species Reactivity</b>	Human
<b>Source</b>	Recombinant Monoclonal Human IgG <sub>1</sub> Clone # Hu202
<b>Purification</b>	Protein A or G purified from cell culture supernatant
<b>Conjugate</b>	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 nm
<b>Formulation</b>	Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide.  *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

#### APPLICATIONS

**Please Note:** Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

<b>Flow Cytometry</b>	Titration recommended for optimal concentration with starting range of 0.1-1 µg/1 million cells. Sample used for this experiment was HEK293 human embryonic kidney cell line transfected with human CD20-eGFP.
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#### PREPARATION AND STORAGE

<b>Shipping</b>	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
<b>Stability &amp; Storage</b>	<b>Protect from light. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</b> • 12 months, 2 to 8 °C under sterile conditions after opening.

#### BACKGROUND

Ocrelizumab is an anti-human CD20 antibody used for the treatment of advanced or relapsing multiple sclerosis. It is a humanized recombinant anti human CD20 antibody, and is used to specifically deplete B-cells. A proposed pharmacological mechanism of action is that the antibody most likely binds to the B-cell surface CD20 resulting in antibody-dependent cellular cytotoxicity and complement-mediated cell lysis, but does not impact B-cell reconstitution and preexisting humoral immunity.

#### PRODUCT SPECIFIC NOTICES

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