

DESCRIPTION

Species Reactivity	Human
Source	Recombinant Monoclonal Human IgG ₁ Clone # Hu202
Purification	Protein A or G purified from cell culture supernatant
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 nm
Formulation	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.

Flow Cytometry	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

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied.

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.

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