

DESCRIPTION

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| Species Reactivity | Human |
| Specificity | Stains hCD20-eGFP transfected HEK293 cells in flow cytometry. |
| Source | Monoclonal Human IgG ₁ Clone # Hu202 |
| Purification | Protein A or G purified |
| Immunogen | Human CD20 |
| Conjugate | Alexa Fluor Plus 680 Excitation Wavelength: 687 nm Emission Wavelength: 704 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.

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| Flow Cytometry | Optimal dilution of this antibody should be experimentally determined. |
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DATA

PREPARATION AND STORAGE

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| 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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