

DESCRIPTION

Species Reactivity	Human
Specificity	Detects Human CD3 based on Teplizumab therapeutic antibody.
Source	Recombinant Monoclonal Human IgG ₁ Clone # Hu113
Purification	Protein A or G purified from cell culture supernatant
Immunogen	Human CD3
Conjugate	Alexa Fluor 594 Excitation Wavelength: 590 nm Emission Wavelength: 617 nm
Formulation	Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details. *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.

	Recommended Concentration	Sample
Flow Cytometry	0.25-1 µg/10 ⁶ cells	Human PBMCs and Jurkat cell line

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. <ul style="list-style-type: none"> 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

Teplizumab is a biosimilar directed against the extracellular domain of CD3. This product can be used flow cytometry or various assay formats to measure CD3 expression.

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