

Anti- Rituximab (Anti-Idiotype) Alexa Fluor® 405-conjugated Antibody

Recombinant Monoclonal Rabbit IgG Clone # 2260A
Catalog Number: FAB9630V
100 µg

DESCRIPTION

Specificity	Detects Rituximab in Western blots in direct ELISAs. 100% cross-reactivity with Tositumomab and Ibritumomab (95% or higher sequence identity with Rituximab) and no cross-reactivity with Cetuximab, Trastuzumab, Brentuximab, Gemtuzumab, Adalimumab, Solanezumab, Teprotumumab, and Aducanumab is observed.
Source	Recombinant Monoclonal Rabbit IgG Clone # 2260A
Purification	Protein A or G purified from cell culture supernatant
Immunogen	Full-length Rituximab
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.

	Recommended Concentration	Sample
Flow Cytometry	0.25-1 µg/10 ⁶ cells	HEK293 cell line transfected with Human CD20 and eGFP stained with Anti- Human CD20 (Rituximab), Catalog # MAB9575

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

The anti-Rituximab antibody is an anti-Idiotype antibody raised against and selected for the antigenic determinants of the variable region of Rituximab. The antibody has been tested against a broad range of other biosimilars to ensure specificity. This highly specialized anti-idiotypic antibody can be used in a variety of pharmacokinetic (PK) assay formats. In addition to Rituximab, the anti-Idiotype antibody also detects derivatives of Rituximab (Ibritumomab and Tositumomab).

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