

Human Siglec-3/CD33 (Research Grade Gemtuzumab Biosimilar)

Alexa Fluor® 594-conjugated Antibody

Recombinant Monoclonal Human IgG₁ Clone # Hu9a

Catalog Number: FAB9635T

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Siglec-3/CD33 based on Gemtuzumab therapeutic antibody. This non-therapeutic antibody uses the same variable region sequence as the therapeutic antibody Gemtuzumab. This product is for research use only.
Source	Recombinant Monoclonal Human IgG ₁ Clone # Hu9a
Purification	Protein A or G purified from cell culture supernatant
Immunogen	Human Siglec-3/CD33
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	U937 Human Histiocytic Lymphoma 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

Gemtuzumab is a biosimilar directed against the extracellular domain of CD33. This product can be used in flow cytometry or various assay format to measure CD33 expression.

PRODUCT SPECIFIC NOTICES

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