

Human Integrin $\alpha 4 \beta 1$ (Research Grade Natalizumab Biosimilar) Alexa Fluor® 405-conjugated Antibody

Recombinant Monoclonal Human IgG₁ Clone # Hu114

Catalog Number: FAB10603V

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Integrin $\alpha 4 \beta 1$ in direct ELISAs. This non-therapeutic antibody uses the same variable region sequence as the therapeutic antibody Natalizumab. This product is for research use only.
Source	Recombinant Monoclonal Human IgG ₁ Clone # Hu114
Purification	Protein A or G purified from cell culture supernatant
Immunogen	Human Integrin $\alpha 4 \beta 1$
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 $\mu\text{g}/10^6$ cells	Human PBMCs

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

Natalizumab is a biosimilar directed against the extracellular domain of Human Integrin $\alpha 4 \beta 1$. It has been known to treat multiple sclerosis and Crohn's disease. Human Integrin $\alpha 4 \beta 1$ (Research Grade Natalizumab Biosimilar) Antibody is designed to be used in research use only.

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