

Human Integrin $\alpha 4\beta 7$ /LPAM-1 (Research Grade Vedolizumab Biosimilar) Alexa Fluor® 750-conjugated Antibody

Recombinant Monoclonal Human IgG₁ Clone # Hu117

Catalog Number: FAB10078S

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Integrin $\alpha 4\beta 7$ /LPAM-1 in direct ELISAs. This non-therapeutic antibody uses the same variable region sequence as the therapeutic antibody Vedolizumab. This product is for research use only.
Source	Recombinant Monoclonal Human IgG ₁ Clone # Hu117
Purification	Protein A or G purified from cell culture supernatant
Immunogen	Human Integrin $\alpha 4\beta 7$ /LPAM-1
Conjugate	Alexa Fluor 750 Excitation Wavelength: 749 nm Emission Wavelength: 775 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 $\mu\text{g}/10^6$ cells	Human PBMC

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

Vedolizumab is a biosimilar that binds and blocks binds to integrin $\alpha 4\beta 7$. This product can be used in flow cytometry or various assay formats to block or measure integrin $\alpha 4\beta 7$.

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