Anti-human Integrin beta7 Antibody (FIB21, Rat IgG2a Kappa) | PA007786.r2a

Catalog No.: PA007786.r2a | **Product Name:** Recombinant Anti-human Integrin beta7 Monoclonal Antibody (Clone: FIB21), Rat IgG2a Kappa | **Rat IgG2a / Recombinant Monoclonal Antibody**

Recombinant anti-human integrin beta 7 monoclonal antibody, specifically designed for sensitive flow cytometric analysis and characterization of human integrin β7 expression on leukocytes and lymphocyte subsets. Expressed in mammalian cells to ensure high lot-to-lot reproducibility and superior binding specificity.

PRODUCT SPECIFICATIONS

Catalog No.	PA007786.r2a
Product Name	Recombinant Anti-human Integrin beta7 Monoclonal Antibody (Clone: FIB21), Rat IgG2a Kappa
Supplier / Brand	Syd Labs, Inc. / Syd Labs
Clone	FIB21
Isotype	Rat IgG2a Kappa
Source / Host	The anti-human Integrin beta7 monoclonal antibody (clone: FIB21) was produced in mammalian cells.
Specificity/Sensitivity	The recombinant rat monoclonal antibody (clone: FIB21) specifically binds to human Integrin beta7.
Applications	Flow cytometry (FC), and Immunohistochemistry - Frozen (IHC-F). (Cell Surface Staining, Immunophenotyping)
Form Of Antibody	0.2 μM filtered solution, pH 7.4, no stabilizers or preservatives.
Conjugate	non-conjugated.
Purity	>95% by SDS-PAGE under reducing conditions and HPLC.
Shipping	The recombinant anti-human Integrin beta7 monoclonal antibody of clone FIB21 is shipped with ice pack. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70°C as supplied. 1 month from date of receipt, 2 to 8°C as supplied.
Note	Recombinant rat IgG2a isotype controls and recombinant human IgG1 isotype controls are available. Condition of sample preparation and optimal sample dilution should be determined experimentally by the investigator.

BACKGROUND & APPLICATION INFORMATION

PA007786.r2a: Recombinant Anti-human Integrin beta7 Monoclonal Antibody (Clone: FIB21), Rat IgG2a Kappa

Recombinant rat IgG2a Monoclonal Antibody.

Integrin beta7 (ITGB7) pairs with integrin alpha4 (CD49d) to form α4β7 integrin, or with integrin alphaE (CD103) to form αEβ7 integrin. These heterodimers play critical roles in lymphocyte homing to intestinal mucosa-associated lymphoid tissues. Clone FIB21 serves as an invaluable reagent for immune cell subset characterization, mucosal immunity research, and flow cytometric immunophenotyping.

Order & Contact Information

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Offline Order: With formal purchase order (PO) or credit card