Anti-human Integrin beta7 Antibody (FIB21, Human IgG1 Fc Silent Kappa) | PA007786.h1Fs

Catalog No.: PA007786.h1Fs | **Product Name:** Recombinant Anti-human Integrin beta7 Monoclonal Antibody (Clone: FIB21), Human IgG1 Fc Silent Kappa | **Human IgG1 Fc Silent / 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

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Product Name	Recombinant Anti-human Integrin beta7 Monoclonal Antibody (Clone: FIB21), Human IgG1 Fc Silent Kappa
Supplier / Brand	Syd Labs, Inc. / Syd Labs
Clone	FIB21
Isotype	Human IgG1 Fc Silent Kappa
Source / Host	The anti-human Integrin beta7 monoclonal antibody (clone: FIB21) was produced in mammalian cells.
Specificity/Sensitivity	The recombinant FIB21 antibody 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.h1Fs: Recombinant Anti-human Integrin beta7 Monoclonal Antibody (Clone: FIB21), Human IgG1 Fc Silent Kappa

Recombinant Human IgG1 Monoclonal Antibody with Fc silent mutation.

Integrin beta7 (ITGB7) forms heterodimeric cell surface receptors with alpha subunits (α4β7 and αEβ7) to mediate leukocyte homing and mucosal immunity. The Fc silent mutation in this human IgG1 construct minimizes nonspecific binding to Fc receptors, ensuring clear background and precise signal during cell surface staining and flow cytometric immunophenotyping.

Order & Contact Information

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