Product Datasheet

Integrin beta 7 Antibody (FIB27) [Allophycocyanin]
NBP2-81087APC

Unit Size: 0.1 ml

Store at 4C in the dark.

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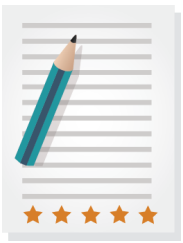

NBP2-81087APC

Integrin beta 7 Antibody (FIB27) [Allophycocyanin]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	FIB27
Preservative	0.05% Sodium Azide
Isotype	IgG Kappa
Conjugate	Allophycocyanin
Purity	Protein A purified
Buffer	PBS

Product Description	
Host	Rabbit
Gene ID	3695
Gene Symbol	ITGB7
Species	Human, Mouse
Specificity/Sensitivity	FIB27 binds specifically to both human and mouse Integrin beta 7 at epitope region DI on which is involved in all a4b7-mediated adhesion events. Does not compete with DAKT32 for binding. FIB27 blocks LS722-induced TK1 cell aggregation (mAb LS722 is an activating anti-a4B7 antibody and induces aggregation via an a4B7-dependent pathway). Integrin beta 7 is one subunit is a heterodimer which makes up an intergin molecule. In the mouse beta-7 is selectively found on the majority of mature lymphocytes, whereas a small subpopulation of thymocytes and bone marrow cells express beta-7. Beta-7 is also expressed in variable amounts in CD4 T memory cells. Integrin molecules mediate cell-cell and cell-extracellular matrix adhesion and are involved in lymphocyte homing, leukocyte recruitment to inflammatory sites, myogenesis, hemopoiesis, and melanoma metastasis.
Immunogen	FIB27 was prepared by immunizing rats with TK1 cells.

Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Block/Neutralize
Recommended Dilutions	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Block/Neutralize
Application Notes	Optimal dilution of this antibody should be experimentally determined.

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Products Related to NBP2-81087APC

H00003695-P01-10ug	Recombinant Human Integrin beta 7 GST (N-Term) Protein
DVE00	VEGF [HRP]
NBL1-12076	Integrin beta 7 Overexpression Lysate
NB100-56566	TLR4 Antibody (76B357.1) - BSA Free

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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