

Product Datasheet

Integrin beta 7 Antibody (FIB504) - Chimeric - Azide and BSA Free **NBP2-81086-0.2mg**

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

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NBP2-81086-0.2mg

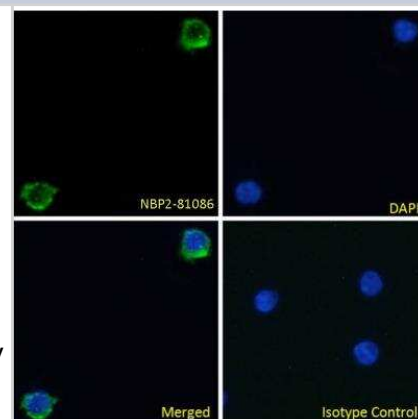
Integrin beta 7 Antibody (FIB504) - Chimeric - Azide and BSA Free

Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	FIB504
Preservative	0.02% Proclin 300
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	PBS
Product Description	
Host	Rabbit
Gene ID	3695
Gene Symbol	ITGB7
Species	Human, Mouse
Specificity/Sensitivity	FIB504 recognizes an epitope on Integrin beta 7 subunit that overlaps completely with the epitope defined by Fib27 and Fib30, and also partially with the epitope defined by FIB21 and FIB22. 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	FIB504 was prepared by immunizing rats with TK1 cells.
Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Block/Neutralize
Recommended Dilutions	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Block/Neutralize
Application Notes	This chimeric rabbit antibody was made using the variable domain sequences of the original Rat IgG2a format, for improved compatibility with existing reagents, assays and techniques. FIB504 can be used for IF, FC and can block TKI cell aggregation and beta-7 intergrin-mediated cell adhesion.



Images

Immunocytochemistry/Immunofluorescence: Integrin beta 7 Antibody (FIB504) [NBP2-81086] - Immunofluorescence staining of fixed human peripheral blood monocytes (PBMs) with Integrin beta 7 Antibody (FIB504) [NBP2-81086]. Immunofluorescence analysis of paraformaldehyde fixed human PBMs on Shi-fix coverslips, permeabilized with 0.15% Triton and stained with the chimeric rabbit IgG version of FIB504 [NBP2-81086] at 10 ug/ml for 1h followed by Alexa Fluor 488 secondary antibody (1 ug/ml), showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom NBP2-81086, DAPI, merged channels and an isotype control. The isotype control was stained with an anti-Fluorescein antibody followed by Alexa Fluor 488 secondary antibody.





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Products Related to NBP2-81086-0.2mg

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
H00003695-P01-10ug	Recombinant Human Integrin beta 7 GST (N-Term) Protein
DVE00	VEGF [HRP]

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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