

# Product Datasheet

## Integrin beta 7 Antibody (FIB504) [mFluor Violet 500 SE] NBP2-81086MFV500

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-81086MFV500**

Integrin beta 7 Antibody (FIB504) [mFluor Violet 500 SE]

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	FIB504
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG Kappa
<b>Conjugate</b>	mFluor Violet 500 SE
<b>Purity</b>	Protein A purified
<b>Buffer</b>	50mM Sodium Borate

**Product Description**

<b>Host</b>	Rabbit
<b>Gene ID</b>	3695
<b>Gene Symbol</b>	ITGB7
<b>Species</b>	Human, Mouse
<b>Specificity/Sensitivity</b>	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.
<b>Immunogen</b>	FIB504 was prepared by immunizing rats with TK1 cells.

**Product Application Details**

<b>Applications</b>	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Block/Neutralize
<b>Recommended Dilutions</b>	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Block/Neutralize
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.

**Images**

Integrin beta 7 Antibody (FIB504) [mFluor Violet 500 SE] - Vial of mFluor Violet 500 conjugated antibody. mFluor Violet 500 is optimally excited at 410 nm by the Violet laser (405 nm) and has an emission maximum of 501 nm.





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### **Products Related to NBP2-81086MFV500**

H00003695-P01-10ug DVE00	Recombinant Human Integrin beta 7 GST (N-Term) Protein 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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