

Product datasheet for **TA386025**

Itgb7 Rat Monoclonal Antibody [Clone ID: FIB504]

Product data:

Product Type:	Primary Antibodies
Clone Name:	FIB504
Applications:	BI, FC, IF
Reactivity:	Human, Mouse
Host:	Rat
Isotype:	IgG2a, kappa
Clonality:	Monoclonal
Immunogen:	FIB504 was prepared by immunizing rats with TK1 cells.
Specificity:	<p>FIB504 recognizes an epitope on intergrin 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.</p> <p>FIB504 can be used for IF, FC and can block TKI cell aggregation and beta-7 intergrin-mediated cell adhesion.</p>
Formulation:	PBS with 0.02% Proclin 300.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.
Stability:	3 years from dispatch.
Gene Name:	integrin beta 7
Database Link:	Entrez Gene 16421 Mouse P26011
Synonyms:	ITGB7



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