



MOUSE ANTI-HUMAN CDw49f FITC-CONJUGATED MONOCLONAL ANTIBODY

CATALOG NUMBER:	CBL458F	QUANTITY:	100 tests
LOT NUMBER:			
CLONE NAME:	4F10	HOST/ISOTYPE:	Ms IgG2b
ALTERNATE NAMES:	Integrin alpha6		
SPECIFICITY:	This antibody is specific to CD49f (integrin alpha6) chain) which is expressed on epithelial and endothelial basement membrane. The VLA alpha6 chain, which consists of a single disulfide linked 120 kDa subunit and a small doublet subunit of 25/30 kDa, is noncovalently-associated with the VLA beta-chain (CD29) in VLA-6 or alpha6/beta1 complex or with integrin beta4 chain (alpha6/beta4). The antigen is expressed on platelets, monocytes, thymocytes and T lymphocytes.		
APPLICATIONS:	<u>Flow cytometry:</u> Use 10 µL per 10 ⁶ cells <u>Immunohistochemistry:</u> Frozen sections <u>Immunoprecipitation</u> <i>Optimal working dilutions must be determined by end user.</i>		
SPECIES REACTIVITY:	Human. Reactivity with other species has not been confirmed.		
IMMUNOGEN:	Cell line SW/222 (Human colorectal carcinoma)		
PRESENTATION:	Protein A purified immunoglobulin conjugated to fluorescein isothiocyanate (FITC). Liquid in PBS containing 1mg/mL BSA and 10mM sodium azide.		
STORAGE/HANDLING:	Maintain at 2°-8°C for up to 12 months from date of receipt, protected from light. DO NOT FREEZE.		
REFERENCES:	Anbazhagan, R. et al. (1995). Expression of integrin subunits in the human infant breast correlates with morphogenesis and differentiation. J. Path. 176 (3):227-232. Dobson, H. et al. (1994). Cell adhesion molecules in oesophageal epithelium. GUT 35:1343-1347. Pignatelli, M. et al. (1992). Integrins and their accessory adhesion molecules in mammary carcinomas: loss of polarization in poorly differentiated tumors. Human Pathol. 23:1159-66.		

Important Note: *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

**FOR RESEARCH USE ONLY; NOT FOR USE IN DIAGNOSTIC
PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION**

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