



MOUSE ANTI-HUMAN CDW49f MONOCLONAL ANTIBODY

CATALOG NUMBER:	CBL458	QUANTITY:	100 µg
LOT NUMBER:		CONCENTRATION:	0.1 mg/mL
ALTERNATE NAMES:	Integrin alpha6		
CLONE NAME:	4F10	HOST/ISOTYPE:	Ms IgG2b
SPECIFICITY:	<p>This antibody is specific to the integrin alpha6 chain which is expressed on epithelial and endothelial basement membrane. The VLA alpha6 chain, which consists of a single disulphide linked 120 kDa subunit and a small doublet subunit of 25/30 kDa, is non covalently associated with the VLA beta-chain (CD29) in VLA-6 or alpha6/beta1 complex or with integrin beta4 chain (alpha6/beta4).</p> <p>The antigen is also expressed on platelets, monocytes, thymocytes and T lymphocytes.</p> <p>FUSION PARTNER: NS1 myeloma cell line</p>		
APPLICATIONS:	<p>Immunohistological studies on frozen sections Immunoprecipitation of the laminin receptor Flow Cytometry Optimal working dilutions must be determined by the end user.</p>		
SPECIES REACTIVITY:	Reacts with Human. Reactivity with other species has not been determined.		
IMMUNOGEN:	Cell line SW/222 (Human colorectal carcinoma)		
FORMAT:	Protein A affinity chromatography		
PRESENTATION:	The monoclonal was purified by protein A affinity chromatography and is presented as a liquid in phosphate buffered saline containing 10mM sodium azide and 1 mg/mL bovine serum albumin.		
STORAGE/HANDLING:	Store an 2-8°C for up to 12 months from date of receipt. For long term storage aliquot antibody into small volumes and store at -20°C. Avoid repeated freeze-thaw cycles.		
REFERENCES:	<p>Terauchi, M. et al. (2003). Placental Extravillous Cytotrophoblasts Persistently Express Class I Major Histocompatibility Complex Molecules after Human Cytomegalovirus Infection . J Virology 77(15):8187-8195.</p> <p>Wattam, B. et.al. (2001). Arg-Tyr-Arg (RYD) and Arg-Cys-Asp (RCD) motifs in dendroaspilin promote selective inhibition of beta 1 and beta 3 integrins. Biochem. J. 356:11-17.</p> <p>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.</p> <p>Dobson, H. et al. (1994). Cell adhesion molecules in oesophageal epithelium. GUT 35:1343-1347.</p> <p>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.</p>		



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 μ L 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.*

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PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION

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