



MOUSE ANTI-HUMAN INTEGRIN alphaVbeta3 MONOCLONAL ANTIBODY

CATALOG NUMBER:	MAB1876	QUANTITY:	100 µg
LOT NUMBER:		CONCENTRATION:	1 mg/mL
ALTERNATE NAMES:	CD51/CD61; VNR-1		
CLONE NAME:	27.1 (VNR-1)	HOST/ISOTYPE:	Ms IgG1
SPECIFICITY:	Reacts with the human integrin alphaVbeta3. Shown to be specific for alphaVbeta3 by Loftus JC et al (1990) <i>Science</i> 249 :915-918.		
APPLICATIONS:	Immunohistochemistry: 4-10% formalin fixed frozen tissues (short fixation times, 10 minutes room temperature) only; not effective on paraffin embedded tissues Immunoprecipitation Functional blocking: Competes with clone LM609 for integrin function blocking. Optimal working dilutions must be determined by end user.		
SPECIES REACTIVITY:	Reacts with Human. Reactivity with other species has not been determined.		
PRESENTATION:	Protein A purified mouse immunoglobulin in liquid in 0.02M PB, pH 7.6, 0.25M NaCl containing 0.1% sodium azide.		
STORAGE/HANDLING:	Maintain at -20°C in undiluted aliquots for up to 12 months from date of receipt.		
REFERENCES:	Loftus, JC et al. (1990) A beta 3 integrin mutation abolishes ligand binding and alters divalent cation-dependent conformation. <i>Science</i> 249(4971):915-918. Pilch, J. et al. (2002) Unique ability of Integrin AvB3 to support tumor cell arrest under dynamic flow conditions. <i>J Biol Chem</i> 277(24): 21930-21938. Masaaki, H. et al. (1995) AvB3 Integrin Expression in normal and atherosclerotic artery. <i>Circul Res</i> 77:1129-1135.		

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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28820 Single Oak Drive • Temecula, CA 92590
Technical Support: T: 1-800-MILLIPORE (1-800-645-5476) • F: 1-800-437-7502
www.millipore.com