

**MOUSE ANTI-HUMAN INTEGRIN alphaVbeta5
ALEXA FLUOR[®] 488 CONJUGATED MONOCLONAL ANTIBODY**

CATALOG NUMBER:	MAB1961X	QUANTITY:	100 ug
LOT NUMBER:		CONCENTRATION:	1 mg/mL
CLONE NAME:	P1F6	HOST/ISOTYPE:	Ms IgG ₁
SPECIFICITY:	Reacts with the human integrin alphaVbeta5		
IMMUNOGEN:	Human UCLA P3 cells (lung carcinoma)		
APPLICATIONS:	Flow Cytometry Immunofluorescence: 10-50 µg/mL <i>Optimal working dilutions must be determined by end user.</i>		
SPECIES REACTIVITY:	Human and chicken. Reactivity with other species has not been determined.		
PRESENTATION:	Purified from ascites by protein A chromatography and conjugated to Alexa Fluor [®] 488 in buffer containing 0.02M PBS pH 7.2, 0.25 M NaCl, 0.1% NaN ₃ with 15 mg/ml BSA as a stabilizer.		
STORAGE/HANDLING:	Maintain at 2-8°C in undiluted aliquots for up to 12 months from date of receipt.		
RELATED REFERENCES:	<p>Ahmed, N. et al. (2002). Association between alphavbeta6 integrin expression, elevated p42/44 kDa MAPK, and plasminogen-dependent matrix degradation in ovarian cancer. <i>J. Cellular Biochemistry</i> 84 : 675-686.</p> <p>Seger, D. et al. (2001). The CK2 phosphorylation of vitronectin. <i>J. Biol. Chem.</i> 276(20) : 16998-17006.</p> <p>Zhou, Q. et al. (2000). Cotortrostatin, a homodimeric disintegrin, binds to integrin aVb5. <i>Biochem. & Biophys. Res. Comm.</i> 267 : 350-55.</p> <p>Lin, H. and Clegg, D. (1998). Integrin aVb5 participates in the binding of photoreceptor rod outer segments during phagocytosis by cultured human retinal pigment epithelium. <i>Investigative Ophthalmology and Visual Science</i> 39(9) : 1703-1712.</p> <p>Aplin, J. et al. (1996). Integrins b5, b3 and aV are apically distributed in endometrial epithelium. <i>Mol. Hu. Repro.</i> 2(7) : 527-534.</p> <p>For a complete listing of related references, visit www.chemicon.com.</p>		

For research use only; not for use as a diagnostic.

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.*

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