



MOUSE ANTI-HUMAN INTEGRIN beta1 [CD29] MONOCLONAL ANTIBODY

CATALOG NUMBER:	MAB1977	QUANTITY:	50ug
LOT NUMBER:		CONCENTRATION:	0.1 mg/mL
CLONE NAME:	DF5	HOST/ISOTYPE:	Ms IgG ₁
ALTERNATE NAMES:	CD29	EPITOPE:	Extracellular
SPECIFICITY:	The antibody reacts with with an extracellular epitope of the beta-1 subunit of the integrin protein family and appears to be human specific.		
IMMUNOGEN:	Wheat germ agglutinin-binding glycoproteins of human fibroblasts.		
APPLICATIONS:	<u>Western blot:</u> 1:1000; the antibody is most effective under non-reducing conditions. <u>Immunohistochemistry:</u> Frozen sections; 1:200-1:400. Paraffin-embedded kidney with proteinase K enzyme (Cat. No. 21627), antigen retrieval (Bernardini, N., et al. 1997). <i>Optimal working dilutions must be determined by the end user.</i>		
SPECIES REACTIVITY:	Human. Reactivity with other species is not confirmed.		
PRESENTATION:	Purified immunoglobulin, liquid in PBS containing 1% BSA and 0.1% sodium azide.		
STORAGE/HANDLING:	Maintain at 2°-8°C for up to 12 months from date of receipt.		
REFERENCES:	Bernardini, N. et al. (1997). <i>Tumori</i> . 83(3) :673-8. Koukoulis et al. (1997). <i>Human Pathol.</i> 28 : 84-90. Weaver, V.M. et al. (1997). Reversion of the Malignant Phenotype of Human Breast Cells in Three-Dimensional Culture and In Vivo by Integrin Blocking Antibodies . <i>J. Cell. Biol.</i> 137 : 231-245. Virtanen et al. (1995). <i>Am. J. Pathol.</i> 150 : 1421-1431. Virtanen et al. (1992). <i>Am. J. Pathol.</i> 147 : 1123-1132. Korhonen, M., et al. (1990). <i>Lab Invest.</i> 62 : 616-625. Ylanne, J., et al. (1990). <i>Blood</i> 76 : 570-577. Ylanne, J., et al. (1989). <i>Int. J. Cancer</i> 43 : 1126-1136.		



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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