



MOUSE ANTI-HUMAN INSULIN-LIKE GROWTH FACTOR I MONOCLONAL ANTIBODY

CATALOG NUMBER:	CBL52	QUANTITY:	100 µg
LOT NUMBER:		CONCENTRATION:	0.1 mg/mL
ALTERNATE NAMES:	IGF-I		
CLONE NAME:	M23	HOST/ISOTYPE:	Ms IgG1
SPECIFICITY:	The basic IGF-1-like forms (pI>9.0) showed substantial cross-reactivity, as did rat and mouse sera. Monoclonal antibody BM23 was capable of abolishing the biological activities of IGF-1 in vitro bioassays for insulin-like, mitogenic and sulphation activities. AFFINITY CONSTANT: The affinity of monoclonal antibody BM23 for IGF-1 was 1 x 10E10 L/mole and the cross reactivities of IGF-2, MSA and porcine insulin were 1%, 0.05% and ,0.0001% respectively		
APPLICATIONS:	Immunohistological staining of tissue sections on frozen or formalin fixed paraffin wax embedded sections Optimal working dilutions must be determined by the end user.		
SPECIES REACTIVITY:	Reacts with Human. Reactivity with other species has not been determined.		
FORMAT:	Purified immunoglobulin, purified by Protein A affinity chromatography		
PRESENTATION:	The monoclonal is presented in phosphate buffered saline containing 10mM sodium azide and 1mg/ml bovine serum albumin. We recommend that each laboratory determine an optimum working titre for use in its particular application.		
STORAGE/HANDLING:	For use within 1 month of purchase store at +4°C, for long term storage aliquot antibody into small volumes and store at -20°C for up to one year.		
REFERENCES:	Maiorano,E. et al. (2000). Appl.Histochem.Mol.Morphol. 8 (2):110-19.		

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