

IGF1

Mouse Anti-Rat Insulin-Like Growth Factor 1 mAb

Catalog No.	MAL1	Quantity:	200 µg
Alternate Names:	Somatomedin C, Erythropoietic factor, IGF-I, IBP1, MGF		
Description:	Mouse Anti-Rat Insulin-like Growth Factor 1 monoclonal antibody		
Specificity:	Rat IGF-1		
Host:	Mouse		
Immunogen:	Recombinant rat IGF-1 and synthetic peptides of rat IGF-1		
Isotype:	IgG2bk		
Formulation:	Lyophilized from 50 mM Tris, 150 mM NaCl, pH 8.0		
Purification:	Protein A affinity chromatography		
Reconstitution:	Centrifuge vial prior to opening. Add 200 µL sterile distilled water to the vial to fully solubilize the antibody. Allow to stand at room temperature for at least 10 minutes before use. Dilute in a buffer solution appropriate for the desired application.		
Cross-Reactivity:	< 0.4% cross-reactivity with rat IGF-2 and < 0.05% cross-reactivity with human IGF-1 and IGF-2.		
Applications:	ELISA, Western Blot		
Application Notes:	Recommended dilution for ELISA 1:2,000, Western Blot 1:5,000. The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Lyophilized antibody is stable for 2 years at 2-4 °C. Store reconstituted antibody in working aliquots at -20 °C to -80 °C. Avoid repeated freeze-thaw cycles.		

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