

IGF1

Rabbit Anti-Human Insulin-like Growth Factor-1 Affinity Purified pAb

Catalog No.	PA0362	Quantity:	100 µg
Description:	Rabbit Anti-Human Insulin-like Growth Factor Affinity Purified polyclonal antibody		
Gene ID:	3479		
Specificity:	Human		
Host:	Rabbit		
Immunogen:	Recombinant Human IGF1 (>98% pure)		
Formulation:	The sterile filtered antibody solution (1 mg/ml) was lyophilized from 0.5X PBS, pH 7.2.		
Purification:	Affinity Chromatography		
Reconstitution:	Centrifuge vial prior to opening. Reconstituted in sterile water to a concentration of ≥0.2 mg/ml.		
Applications:	ELISA Western blot Neutralization		
Application Notes:	<p>ELISA: To detect human IGF-1 by direct ELISA (using 100 µl/well antibody solution) a concentration of at least 0.5 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with compatible secondary reagents, allows the detection of 0.2 - 0.4 ng/well of recombinant human IGF-1.</p> <p>Western Blot: To detect human IGF-1 by Western blot analysis this antibody can be used at a concentration of 0.1 - 0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant human IGF-1 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.</p> <p>Neutralization: To yield one-half maximal inhibition [ND50] of the biological activity of human IGF-1 (3.00 ng/ml), a concentration of 0.67 to 0.1 µg/ml of this antibody is required. The optimal concentration should be determined by the user for each specific application.</p>		
Storage & Stability:	The lyophilized product is stable for at least two years at -20°C. Reconstituted antibody is stable for two weeks at 2-8°C, or may be stored in working aliquots at -20°C for up to six months. Avoid repeated freeze/thaw cycles.		

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