

IGF1, Affinity Purified Mouse pAb

Catalog No.	PA0372	Quantity:	100 µg
Description:	Goat Anti-mouse IGF1 Affinity Purified polyclonal antibody		
Specificity:	Mouse		
Host:	Goat		
Immunogen:	Recombinant Mouse IGF-I		
Formulation:	A sterile filtered antibody solution (1.0 mg/ml) was lyophilized from 0.5X PBS pH 7.4.		
Purification:	Affinity Chromatography		
Reconstitution:	Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of ≤0.2 mg/ml.		
Storage & Stability:	Stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted according to the above directions, the antibody is stable for at least six weeks at 2-4°C. Avoid repeated freeze-thaw cycles.		
Applications:	Neutralization: To yield one-half maximal inhibition [ND50] of the biological activity of IGF-I (200 ng/ml), a concentration of 12-14 µg/ml of this antibody is required. ELISA: To detect IGF-I by direct ELISA (using 100 µl/well antibody solution) a concentration of at least 0.5µg/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 IGF-I. Western Blot: To detect IGF-I 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 IGF-I is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.		

The optimal concentration should be determined by the user for each specific application.

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

