

TGFA

Rabbit Anti-Human TGF-alpha Biotin Affinity Purified pAb

Catalog No.	PA1252BT	Quantity:	50 µg
Alternate Names:	Transforming Growth Factor-alpha, TGFA		
Description:	Biotinylated Rabbit Anti-Human TGF-alpha Affinity Purified Polyclonal Antibody. TGF-alpha is a growth factor that is a ligand for the epidermal growth factor receptor, which activates a signaling pathway for cell proliferation, differentiation and development. It may act as either a transmembrane-bound ligand or a soluble ligand.		
Gene ID:	7039		
Specificity:	Human TGF-alpha		
Host:	Rabbit		
Immunogen:	Highly Pure (>98%) Recombinant Human TGF-alpha		
Conjugate:	Biotin		
Formulation:	Lyophilized from sterile-filtered PBS solution.		
Purification:	Affinity chromatography using immobilized Human TGF-alpha matrix and then biotinylated.		
Reconstitution:	Centrifuge vial prior to opening. Add sterile PBS solution containing 0.1% BSA to the vial to fully solubilize the antibody to a concentration of 50 µg/ml.		
Applications:	ELISA, Western blot		
Application Notes:	<p>ELISA: By direct ELISA, (using 100 µl/well antibody solution) this antibody can be used at a concentration of 0.15 - 0.30 µg/ml. This antibody in conjunction with compatible secondary reagents allows the detection of at least 0.2 ng/well of recombinant human TGF-alpha.</p> <p>Western Blot: 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 TGF-alpha is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.</p> <p>The optimal concentration should be determined by the user for each specific application.</p>		
Storage & Stability:	Lyophilized antibody is stable for 6 months at -20°C. Reconstituted antibody is stable for 1 month at 2-4°C or for 6 months in working aliquots at -20°C. Avoid repeated freeze-thaw cycles.		

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