

# Product Datasheet

## TGF-alpha Antibody (TGFA/1119) - Azide and BSA Free NBP2-47737-0.1mg

Unit Size: 0.1 mg

Store at -20 to -80C. Avoid freeze-thaw cycles.

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**NBP2-47737-0.1mg**TGF- $\alpha$  Antibody (TGFA/1119) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	TGFA/1119
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS
Target Molecular Weight	6 kDa

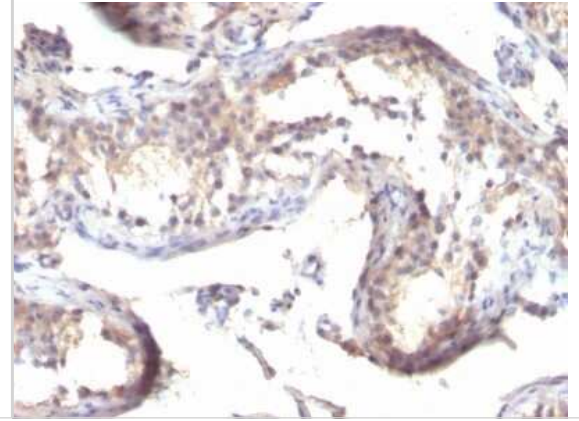
Product Description	
Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-45142).  Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	7039
Gene Symbol	TGFA
Species	Human
Specificity/Sensitivity	This antibody reacts with the C-terminus of TGF $\alpha$ and shows no cross-reaction with EGF and the neuropeptide synenkephalin. TGF (aa50) is a growth factor with 33% homology to EGF, binds to EGFR, activates tyrosine phosphorylation of the receptor, and stimulates cell proliferation. It plays a role in tumor initiation by inducing the reversible transformed phenotype.
Immunogen	Recombinant human full-length TGF- $\alpha$ protein (Uniprot: P01135)

Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin
Application Notes	Immunohistochemistry (Formalin-fixed): 2-4ug/ml for 30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.



## Images

Immunohistochemistry-Paraffin: TGF-alpha Antibody (TGFA/1119) - Azide and BSA Free [NBP2-47737] - Human Testicular Carcinoma stained with TGF alpha Monoclonal Antibody (TGFA/1119)





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### **Products Related to NBP2-47737-0.1mg**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-36432-100ug	Human TGF-alpha Recombinant Protein

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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