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# anti-TGFA antibody (AA 24-98)





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Quantity:	100 μL
Target:	TGFA
Binding Specificity:	AA 24-98
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TGFA antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## **Product Details**

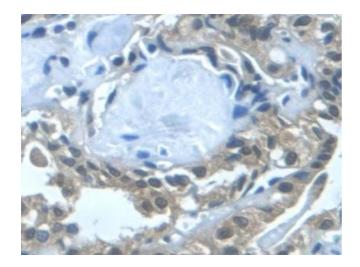
Purpose:	Monoclonal Antibody to Transforming Growth Factor Alpha (TGFa)	
Immunogen:	Recombinant Transforming Growth Factor Alpha (TGFa) corresdonding to Glu24~Ala98 with N-terminal His Tag	
Clone:	D20	
Isotype:	IgG2b kappa	
Specificity:	The antibody is a mouse monoclonal antibody raised against TGFa. It has been selected for its ability to recognize TGFa in immunohistochemical staining and western blotting.	
Purification:	Protein A + Protein G affinity chromatography	

# **Target Details**

rarget Details	
Target:	TGFA
Alternative Name:	Transforming Growth Factor Alpha (TGFA Products)
Background:	ETGF, TGF-A, Protransforming Growth Factor alpha, EGF-Like TGF
Pathways:	NF-kappaB Signaling, RTK Signaling, EGFR Signaling Pathway
Application Details	
Application Notes:	Western blotting: 0.5-2 μg/mL
	1:380-1500 Immunohistochemistry: 5-20 ug/ml

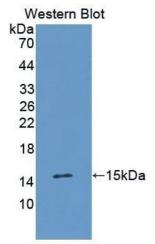
Application Details	
Application Notes:	Western blotting: 0.5-2 μg/mL 1:380-1500 Immunohistochemistry: 5-20 μg/mL 1:38-150 Immunocytochemistry: 5-20 μg/mL 1:38-150 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



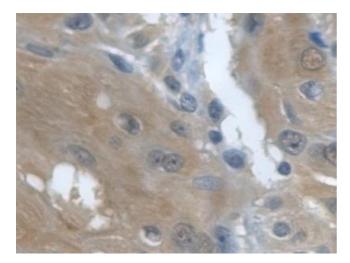
## **Immunohistochemistry**

**Image 1.** Detection of TGFa in Human Thyroid cancer Tissue using Monoclonal Antibody to Transforming Growth Factor Alpha (TGFa)



#### **Western Blotting**

**Image 2.** Detection of Recombinant TGFa, Human using Monoclonal Antibody to Transforming Growth Factor Alpha (TGFa)



# **Immunohistochemistry**

**Image 3.** Detection of TGFa in Human Esophagus Tissue using Monoclonal Antibody to Transforming Growth Factor Alpha (TGFa)

Please check the product details page for more images. Overall 7 images are available for ABIN7425710.