

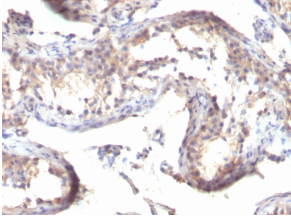
Anti-TGF alpha Antibody [MF9] (A250114)

Specifications:

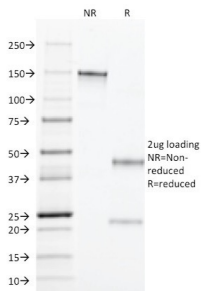
Name:	Anti-TGF alpha Antibody [MF9]
Description:	Mouse monoclonal [MF9] antibody to TGF alpha.
Specificity:	This antibody reacts with the C-terminus of TGF alpha and shows no cross-reaction with EGF and the neuropeptide synenkephalin. The staining with Ab-1 is completely blocked by the peptide used for raising this antibody. 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.
Applications:	ELISA, IF, IHC-P
Recommended Dilutions:	IF: 1-2 µg/ml, IHC-P: 2-4 µg/ml
Reactivity:	Human, Bovine, Rat, Mouse
Immunogen:	Synthetic peptide corresponding to 17 amino acids from the C terminal of rat TGF alpha. The exact sequence is proprietary.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	MF9
Isotype:	IgG1
Light Chains:	kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	200 µg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline with 0.05% BSA and 0.05% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
General Notes:	This monoclonal antibody is also available in a different formulation without BSA and Sodium Azide - Anti-TGF alpha Antibody [MF9] - BSA and Azide free (A253294).
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

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Images:



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human testicular carcinoma using Anti-TGF alpha Antibody [MF9].



SDS-PAGE analysis of Anti-TGF alpha Antibody [MF9] under non-reduced and reduced conditions; showing intact IgG and intact heavy and light chains, respectively. SDS-PAGE analysis confirms the integrity and purity of the antibody.