

36-1725: Monoclonal Antibody to TGF-alpha (Transforming Growth Factor alpha)(Clone : MF9)

Clonality :	Monoclonal
Clone Name :	MF9
Application :	ELISA,IF,IHC
Reactivity :	Human, Rat, Mouse
Gene :	TGFA
Gene ID :	7039
Uniprot ID :	P01135
Format :	Purified
Alternative Name :	TGFA
Isotype :	Mouse IgG1, kappa
Immunogen Information :	A 17-amino acid synthetic peptide from the carboxyl-terminus of Rat TGF Alpha.

Description

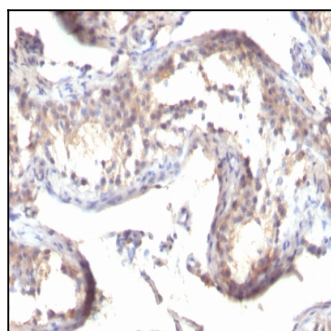
This antibody reacts with the C-terminus of TGF alpha and shows no cross-reaction with EGF and the neuropeptide synenkephalin. The staining with Ab-1 is completely blocked by the peptide used for raising this antibody. TGF (aa50) is a growth factor with 33% homology to EGF, binds to EGFR, activates tyrosine phosphorylation of the receptor, and stimulates cell proliferation. It plays a role in tumor initiation by inducing the reversible transformed phenotype.

Product Info

Amount :	100 µg
Purification :	Affinity Chromatography
Content :	100 µg in 500 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

ELISA (Use Ab at 2-4ug/ml for coating) (Order Ab without BSA); Immunofluorescence (1-2ug/ml); 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 95°C followed by cooling at RT for 20 minutes);



Formalin-fixed, paraffin-embedded human Testicular Carcinoma Stained with TGF alpha Monoclonal Antibody (MF9)