

36-1732: Monoclonal Antibody to TGF-alpha (Transforming Growth Factor alpha)(Clone : TGFA/1119)

Clonality :	Monoclonal
Clone Name :	TGFA/1119
Application :	IHC
Reactivity :	Human
Gene :	TGFA
Gene ID :	7039
Uniprot ID :	P01135
Format :	Purified
Alternative Name :	TGFA
Isotype :	Mouse IgG1, kappa
Immunogen Information :	Recombinant human full-length TGF alpha protein

Description

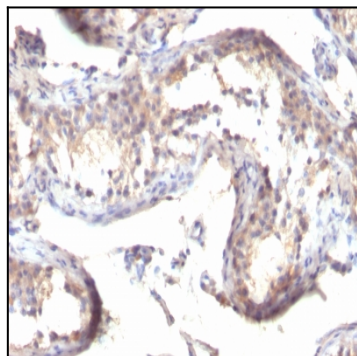
This antibody reacts with the C-terminus of TGF alpha and shows no cross-reaction with EGF and the neuropeptide synenkephalin. TGF (aa50) is a growth factor with 33% homology to EGF, binds to EGFR, activates tyrosine phosphorylation of the receptor, and stimulates cell proliferation. It plays a role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

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

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 (TGFA/1119)