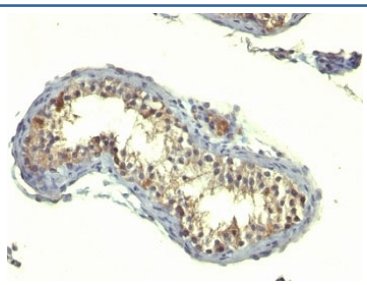
TGFa Antibody [clone TG86] (V2885)

Catalog No.	Formulation	Size
V2885-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2885-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2885SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Citations (3)

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	TG86
Purity	Protein G affinity chromatography
UniProt	P01135
Localization	Cytoplasmic and extracellular (secreted)
Applications	Flow cytometry: 0.5-1ug/10^6 cells Immunofluorescence: 1-2ug/ml Immunohistochemistry (FFPE): 2-4ug/ml for 30 min at RT
Limitations	This TGFa antibody is available for research use only.



IHC: Formalin-fixed, paraffin-embedded human testicular carcinoma stained with TGFa antibody (TG86)

Description

This antibody reacts with the TGF alpha and shows no cross-reaction with EGF and the neuropeptide synenkephalin. The staining with this mAb is completely blocked by the peptide used for raising this antibody. TGFa 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.

Application Notes

Optimal dilution of the TGFa antibody should be determined by the researcher.

1. Staining of formalin-fixed tissues requires boiling tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 min.

Immunogen

Amino acids 34-43 (PPVAAAVVSH) from the human protein were used as the immunogen for the TGFa antibody.

Storage

Store the TGFa antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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