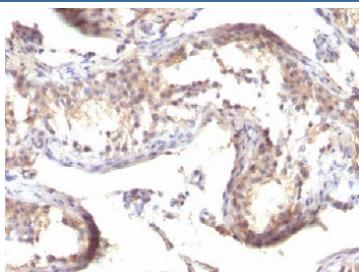


## TGFa Antibody [clone TGFA/1119] (V2888)

Catalog No.	Formulation	Size
V2888-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2888-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2888SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V2888IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

### Bulk quote request

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG1, kappa
<b>Clone Name</b>	TGFA/1119
<b>Purity</b>	Protein G affinity chromatography
<b>UniProt</b>	P01135
<b>Localization</b>	Cytoplasmic and extracellular (secreted)
<b>Applications</b>	Immunohistochemistry (FFPE) : 2-4ug/ml for 30 min at RT
<b>Limitations</b>	This TGFa antibody is available for research use only.



IHC testing of formalin-fixed, paraffin-embedded human testicular carcinoma stained with TGFa antibody (clone TGFA/1119).

## Description

This antibody reacts with the C-terminus of TGF alpha and shows no cross-reaction with EGF and the neuropeptide synenkephalin. 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.
2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

## Immunogen

Recombinant human full-length TGF protein was 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).