

TGF-alpha Antibody Cocktail- sodium azide free

Catalog No: tcna772saf



Available Sizes

Size: 100ug



Specifications

Application:

FACS, IF, IHC-P

Species Reactivity:

Human, Rabbit and Zebrafish. Other species not tested.

Host Species:

Mouse

Immunogen / Amino acids:

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

Conjugation:

Unconjugated

Clonality:

Monoclonal

Clones:

TG86 + P/T1

Isotype:

Mouse IgMs

Form:

Liquid

Storage Buffer:

1 mg/ml in 1X PBS; BSA free, sodium azide free

Recommended Dilution:

Flow Cytometry: 0.5-1ug/million cells in 0.1ml

Immunofluorescence: 1-2ug/ml

Immunohistochemistry (FFPE): 2-4ug/ml for 30 min at RT (1)Optimal dilution of the TGF-alpha antibody cocktail should be determined by the researcher.

1. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Citrate buffer pH 6.0 for 10-20 min followed by cooling at RT for 20 min.

Storage Instruction:

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

SwissProt:

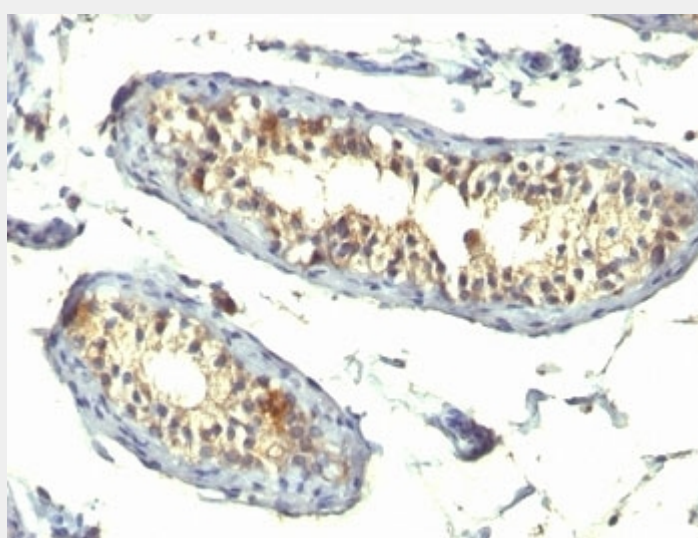
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References

PEG precipitation

Product 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.



Formalin-fixed, paraffin-embedded human testicular carcinoma stained with TGF-alpha antibody (TG86 + P/T1)

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!