




Product datasheet

Anti-TGF alpha antibody [TG86] ab233974

1 Image

Overview

Product name	Anti-TGF alpha antibody [TG86]
Description	Mouse monoclonal [TG86] to TGF alpha
Host species	Mouse
Specificity	ab233974 reacts with TGF alpha and shows no cross-reaction with EGF and the neuropeptide synenkephalin.
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Sheep, Rabbit, Zebrafish, Rhesus monkey 
Immunogen	Synthetic peptide corresponding to Human TGF alpha aa 1-100. Database link: P01135  Run BLAST with  Run BLAST with
Positive control	IHC-P: Human testicular carcinoma tissue.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.2 Preservative: 0.05% Sodium azide Constituents: PBS, 0.05% BSA
Purity	Protein A/G purified
Purification notes	Purified from Bioreactor Concentrate by Protein A/G.
Clonality	Monoclonal

Clone number	TG86
Isotype	IgG1
Light chain type	kappa

Applications

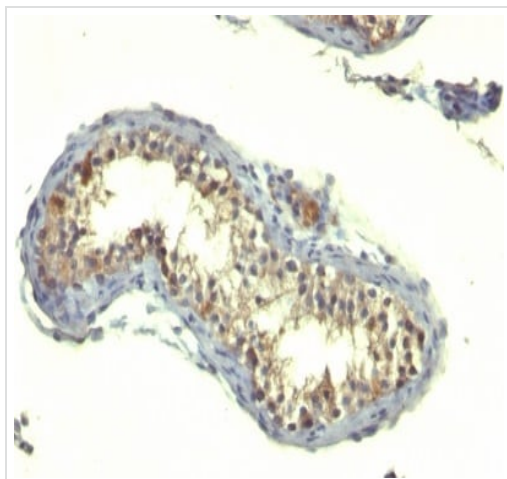
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab233974 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use a concentration of 2 - 4 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. Incubate for 30 minutes at room temperature.

Target

Function	TGF alpha is a mitogenic polypeptide that is able to bind to the EGF receptor and to act synergistically with TGF beta to promote anchorage-independent cell proliferation in soft agar.
Tissue specificity	Isoform 1, isoform 3 and isoform 4 are expressed in keratinocytes and tumor-derived cell lines.
Sequence similarities	Contains 1 EGF-like domain.
Cellular localization	Cell membrane and Secreted > extracellular space.

Images



Formalin-fixed, paraffin-embedded human testicular carcinoma tissue stained for TGF alpha with ab233974 at 4 µg/ml in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TGF alpha antibody [TG86] (ab233974)

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