



Product datasheet

Anti-TGF alpha antibody ab203049

3 Images

Overview

| | |
|----------------------------|---|
| Product name | Anti-TGF alpha antibody |
| Description | Rabbit polyclonal to TGF alpha |
| Host species | Rabbit |
| Tested applications | Suitable for: IHC-P |
| Species reactivity | Reacts with: Rat, Human |
| Immunogen | Synthetic peptide corresponding to Human TGF alpha aa 1-100 conjugated to keyhole limpet haemocyanin. Database link: P01135 |
| | <div>  Run BLAST with </div> <div>  Run BLAST with </div> |
| Positive control | Human colon carcinoma, Human gastric carcinoma and rat colon tissues. |
| 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 | <p>pH: 7.40</p> <p>Preservative: 0.02% Proclin 300</p> <p>Constituents: 50% Glycerol (glycerin, glycerine), 1% BSA, 48.98% TBS, 1X</p> <p>Aqueous buffered solution</p> |
| Purity | Protein A purified |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab203049 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 | | 1/100 - 1/500. (1/50 - 1/200 if using a fluorescent secondary antibody) |

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.

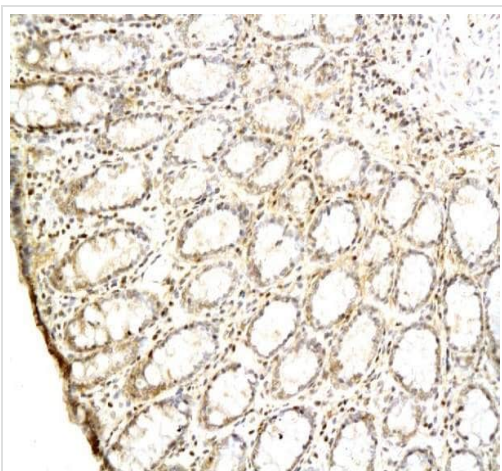
Sequence similarities

Contains 1 EGF-like domain.

Cellular localization

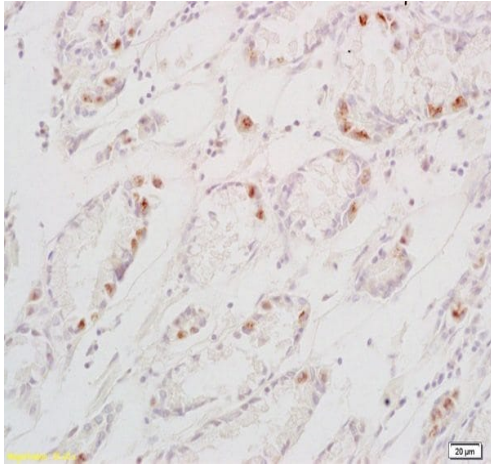
Cell membrane and Secreted > extracellular space.

Images



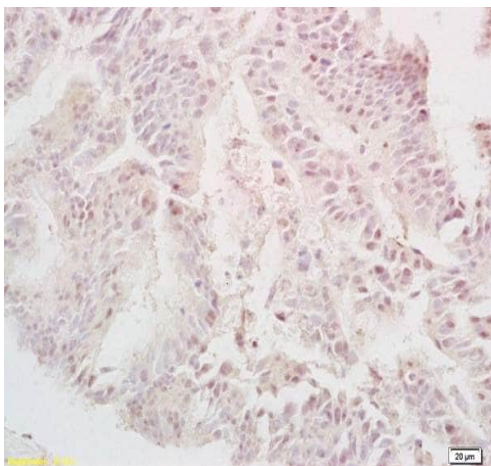
Immunohistochemical analysis of formalin-fixed paraffin-embedded rat colon carcinoma tissue labeling TGF alpha with ab203049 at 1/100 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TGF alpha antibody (ab203049)



Immunohistochemical analysis of formalin-fixed paraffin-embedded Human gastric carcinoma tissue labeling TGF alpha with ab203049 at 1/200 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TGF alpha antibody (ab203049)



Immunohistochemical analysis of formalin-fixed paraffin-embedded Human colon carcinoma tissue labeling TGF alpha with ab203049 at 1/200 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TGF alpha antibody (ab203049)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet

- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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