

Datasheet for ABIN4914601

anti-TGFB2 antibody**3** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	TGFB2
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TGFB2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	This TGFB2 monoclonal antibody is generated from mouse immunized with TGFB2 recombinant protein.
Clone:	2C1
Isotype:	IgG1
Cross-Reactivity:	Human
Purification:	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

Target Details

Target:	TGFB2
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Target Details

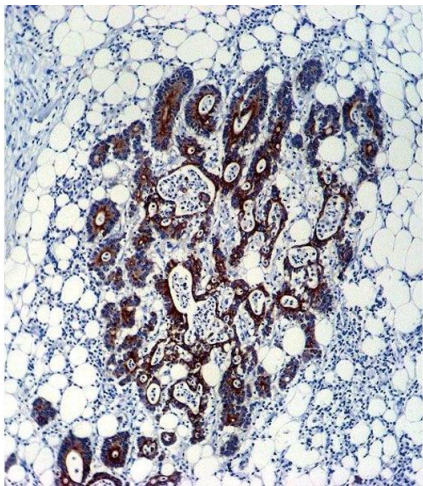
Alternative Name:	TGFB2 (TGFB2 Products)
Background:	Synonyms: LDS4, G-TSF, TGF-beta2, Transforming growth factor beta-2, TGF-beta-2, BSC-1 cell growth inhibitor, Cetermin, Glioblastoma-derived T-cell suppressor factor, Polyergin, TGFB2 Background: TGF-beta 2 has suppressive effects on interleukin-2 dependent T-cell growth.
Gene ID:	7042
UniProt:	P61812
Pathways:	Cell-Cell Junction Organization , Production of Molecular Mediator of Immune Response , Protein targeting to Nucleus

Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IF()
Restrictions:	For Research Use only

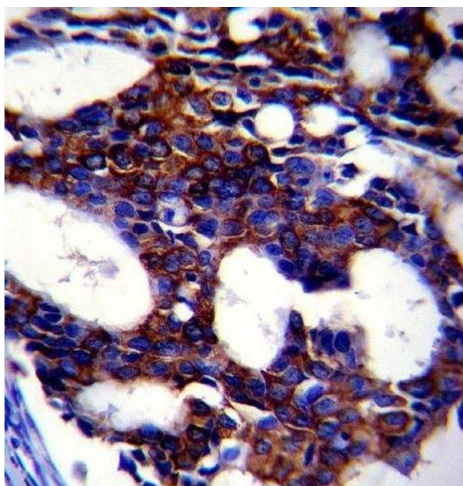
Handling

Format:	Liquid
Concentration:	0.5 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months



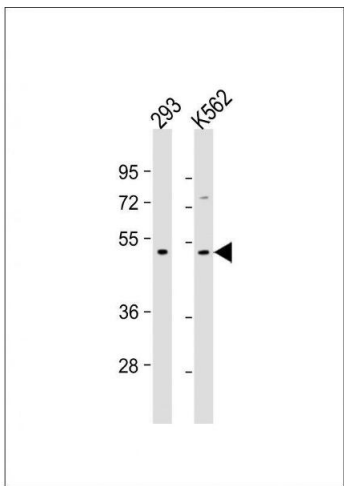
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Paraformaldehyde-fixed, paraffin embedded human colon carcinoma tissue, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 15 minutes, Blocking buffer (3% BSA) at room temperature for 30min, Antibody incubation with TGFβ2 (220ct16.4.3.1) Monoclonal Antibody (bsm-51058M) at 1:50 for 1 hour at 37°C, followed by a conjugated secondary antibody for 20 minutes and DAB staining.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Paraformaldehyde-fixed, paraffin embedded human breast carcinoma, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 15 minutes, Blocking buffer (3% BSA) at room temperature for 30min, Antibody incubation with TGFβ2 (220ct16.4.3.1) Monoclonal Antibody (bsm-51058M) at 1:50 for 1 hour at 37°C, followed by a conjugated secondary antibody for 20 minutes and DAB staining.



Western Blotting

Image 3. Lane 1: 293, Lane 2: K562 whole cell lysate at 20 µg per lane, probed with bsm-51058M TGFβ2 (220ct16.4.3.1) Monoclonal Antibody at 1:1000 dilution and 4°C overnight incubation, followed by secondary antibody incubation for 60min at room temperature.