

TGF beta-1 Monoclonal Antibody (TB21)

Product Details

Size	100 µg
Species Reactivity	Human, Mustelid, Mink, Mouse, Sheep, Rabbit, Rat
Published Species	Rabbit, Rat, Mouse, Human
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	TB21
Conjugate	Unconjugated
Immunogen	Human Transforming Growth Factor Beta 1 from platelets
Form	Liquid
Concentration	1 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS
Contains	<0.1% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2538424

Applications	Tested Dilution	Publications
Western Blot (WB)	Assay-dependent	3 Publications
Immunohistochemistry (IHC)	-	5 Publications
Immunohistochemistry (Paraffin) (IHC (P))	Assay-dependent	-
Immunohistochemistry (Frozen) (IHC (F))	Assay-dependent	-
Immunocytochemistry (ICC/IF)	-	1 Publication
Flow Cytometry (Flow)	Assay-dependent	-
ELISA (ELISA)	Assay-dependent	-
Neutralization (Neu)	-	2 Publications

Product Specific Information

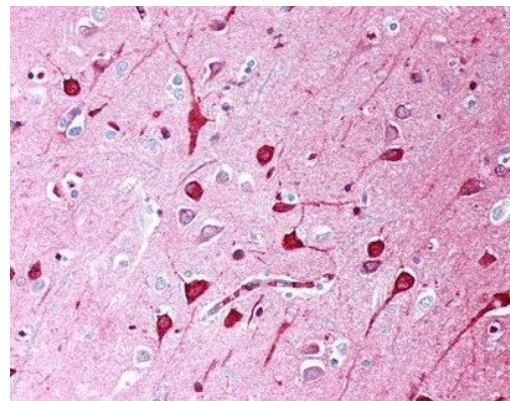
TB21 has been used successfully on FFPE tissues without pretreatment. A suggested positive control for immunohistochemical applications is human breast carcinoma.

For FACS analysis, use 10 µL of the suggested working dilution to label 1x10⁶ cells in 100 µL.

The recommended shelf-life for this product is 6 months.

Mouse anti Human TGF beta antibody, clone TB21 recognizes both human platelet-derived and recombinant TGF-beta1 in enzyme-linked immunosorbent assay (ELISA).

Product Images For TGF beta-1 Monoclonal Antibody (TB21)



TGF beta-1 Antibody (MA5-16949) in IHC (P)
Immunohistochemical staining of human brain showing labelling of neurons using a TGF BETA monoclonal antibody (Product # MA5-16949)

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Western Blot (3)

<p>Histochemistry and cell biology</p> <p>Hyperglycaemia-induced impairment of the autorhythmicity and gap junction activity of mouse embryonic stem cell-derived cardiomyocyte-like cells.</p> <p>"MA5-16949 was used in Western Blotting to investigate the effect of hyperglycaemia on the pulsatile activity of stem cell-derived cardiomyocytes."</p> <p>Authors: Menzele A,Aboalgasm H,Ballo R,Gwanyanya A</p>	<p>Year 2023</p> <p>Species Mouse</p> <p>Dilution 1:1,000</p>
<p>Cell death & disease</p> <p>Growth hormone induces mitotic catastrophe of glomerular podocytes and contributes to proteinuria.</p> <p>"MA5-16949 was used in Immunohistochemistry, Western Blot to highlight the role of aberrant GH signaling in podocytopathy and the potential application of TGF-1 or Notch inhibitors, as a therapeutic agent for DN."</p> <p>Authors: Nishad R,Mukhi D,Singh AK,Motrapu M,Chintala K,Tammineni P,Pasupulati AK</p>	<p>Year 2021</p> <p>Species Mouse</p>

View more WB references on thermofisher.cn

Immunohistochemistry (5)

<p>In vivo (Athens, Greece)</p> <p>Restoration of Homeostasis in the Tracheal Mucosa After Thyroid Surgery in a Rat Model.</p> <p>"MA5-16949 was used in Immunohistochemistry to investigate the process of homeostatic restoration in the tracheal mucosa after thyroid surgery."</p> <p>Authors: Kim BH,Kim HB,Park JH,Cho CG,Park SW,Lim YS</p>	<p>Year 2022</p> <p>Species Rat</p>
<p>Aging</p> <p>Establishment of a tumor immune microenvironment-based molecular classification system of breast cancer for immunotherapy.</p> <p>"Published figure using TGF beta-1 monoclonal antibody (Product # MA5-16949) in Immunocytochemistry"</p> <p>Authors: Zheng X,Li L,Yu C,Yang J,Zhao Y,Su C,Yu J,Xu M</p>	<p>Year 2021</p>

View more IHC references on thermofisher.cn

More applications with references on thermofisher.cn

- ICC/IF (1)
- Neu (2)

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