

Datasheet for ABIN199718 **anti-TGFB1 antibody**

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Overview

Quantity:	100 µg
Target:	TGFB1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TGFB1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Neutralization (Neut), Functional Studies (Func)

Product Details

Immunogen:	TGF-b from human platelets. Type of Immunogen: Purified protein
Isotype:	IgG1 kappa
Specificity:	Western Blot demonstrated reactivity to either dimeric (25kD) or monomeric (12.5kD) molecules of TGF-b under non-reducing and reducing condition, respectively. Recognizes both human platelet-derived and recombinant TGF-b in enzyme-linked in ELISA.
Purification:	Protein G purified

Target Details

Target:	TGFB1
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Target Details

Alternative Name:	TGFB1 / TGF Beta 1 (TGFB1 Products)
Background:	Name/Gene ID: TGFB1 Family: TGF beta Synonyms: TGFB1, CED, DPD1, Diaphyseal dysplasia 1, LAP, Latency-associated peptide, TGF Beta, TGFbeta, TGF-beta 1 protein, TGF-beta-1, TGFB
Gene ID:	7040
UniProt:	P01137
Pathways:	EGFR Signaling Pathway , Dopaminergic Neurogenesis , Cellular Response to Molecule of Bacterial Origin , Glycosaminoglycan Metabolic Process , Regulation of Leukocyte Mediated Immunity , Regulation of Muscle Cell Differentiation , Positive Regulation of Immune Effector Process , Cell-Cell Junction Organization , Production of Molecular Mediator of Immune Response , Ribonucleoside Biosynthetic Process , Skeletal Muscle Fiber Development , Regulation of Carbohydrate Metabolic Process , Protein targeting to Nucleus , Autophagy , Cancer Immune Checkpoints

Application Details

Application Notes:	Approved: ELISA, Func, IHC, Neut, WB Usage: Suitable for use in ELISA, Neutralization, Immunohistochemistry and Western Blot. Neutralization: Neutralizes TGF-b activity in vitro inhibition assay of CCL/64 cell growth and also neutralize the growth promoting action of TGF-b in the NRK-49F colony forming assays. The effect of microinjection of this MAb into one blastomere of two cell stage Xenopus embryos indicated that this antibody was able to neutralize effectively the bioactivity of TGF-b in vivo. Immunohistochemistry: Used to locate TGF-b within tissues.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.0, 40 % glycerol.

Handling

Handling Advice:	Avoid repeat freeze-thaw cycles.
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Storage:	4 °C,-20 °C
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Storage Comment:	Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.
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