

Datasheet for ABIN285131 **anti-TGFB1 antibody**



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Overview

Quantity:	100 µg
Target:	TGFB1
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This TGFB1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunocytochemistry (ICC), Flow Cytometry (FACS), Neutralization (Neut)

Product Details

Immunogen:	TGF beta 1 antibody was raised in goat using CHO cell-derived recombinant human LAP (TGF-beta1) as the immunogen.
Isotype:	IgG
No Cross-Reactivity:	Human
Cross-Reactivity (Details):	Does not react with human LAP derived TGF beta2 precursor
Characteristics:	Affinity purified Goat polyclonal TGF beta 1 antibody Bioactivity: ND50 is typically 15-30 µg/mL in the presence of 125 ng/mL of recombinant human LAP TGF beta 1 and 0.25 ng/mL TGF beta 1.
Purification:	Purified
Endotoxin Level:	<10 ng per 1 mg of the antibody as determined by the LAL method.

Target Details

Target:	TGFB1
Alternative Name:	TGF beta 1 (TGFB1 Products)
Background:	Transforming growth factor (sometimes referred to as Tumor growth factor, or TGF) is used to describe two classes of polypeptide growth factors, TGF alpha and TGFbeta.
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:	FC: 2.5 µg/10 ⁶ cells, IHC: 5-15 µg/mL, ICC: 5-15 µg/mL, WB: 1 µg/mL Optimal conditions should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquidsolution in PBS and NaCl with Trehalose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at -20 °C until reconstitution. Following reconstitution product may be stored at 4 °C in the short term. For long term storage aliquot and freeze at -20 °C.