

Datasheet for ABIN199715
anti-TGFB1 antibody (Dimer)



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Overview

Quantity:	100 µg
Target:	TGFB1
Binding Specificity:	Dimer
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TGFB1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	TGF B from human platelets.
	Type of Immunogen: Purified protein
Isotype:	IgG1 kappa
Specificity:	Recognizes the dimeric (25kD) and monomeric (12.5kD.) forms of TGF-beta in Western Blot under non-reducing and reducing conditions, respectively. Recognizes both human platelet-derived and recombinant TGF-beta 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, WB Usage: Suitable for use in Western Blot and ELISA. Western Blot: 5-20 ng/mL will allow visualization of 100 ng/lane of TGF-beta. Hybridoma: Sp2/0-Ag14 myeloma cells with spleen cells from Balb/c mice.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	From 0.01 M PBS, pH 7.0, 40 % glycerol.
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C

Handling

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