

Datasheet for ABIN6938530 **anti-TGF-beta antibody**

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Overview

Quantity:	100 µg
Target:	TGF-beta (TGFb)
Reactivity:	Cow
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TGF-beta antibody is un-conjugated
Application:	Western Blotting (WB), Neutralization (Neut), ELISA, Functional Studies (Func), Detection (D), ELISA (Capture), Immunofluorescence (IF)

Product Details

Immunogen:	Bovine TGF-beta2 protein
Clone:	1D11-16-8
Isotype:	IgG1 kappa
Specificity:	This MAb recognizes TGF beta 1, 2 and 3. Three TGF's inhibit the growth of epithelial cells and stimulate the growth of mesenchymal cells.
Cross-Reactivity (Details):	Human. Monkey. Cow. Dog. Mouse. Rat. Hamster.
Purification:	1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target:	TGF-beta (TGFb)
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Target Details

Alternative Name:	TFGB (TGFB Products)
Background:	ARVD, BSC 1 cell growth inhibitor, CED, Cetermin, Diaphyseal dysplasia 1 (DPD1), Glioblastoma derived T cell suppressor factor (G TSF), Latency-associated peptide (LAP), Polyergin, Transforming growth factor beta 1 (TGF beta1 or TGFB1), TGF beta2 (TGFB2), TGF beta3 (TGFB3), TGFbeta (TGFB),TGF-beta (Transforming Growth Factor beta) Cellular localisation: Cytoplasm and extracellular (secreted)
Molecular Weight:	13kDa
Gene ID:	7040, 7042, 7043
UniProt:	P01137 , P10600 , P61812
Pathways:	EGFR Signaling Pathway , Cellular Response to Molecule of Bacterial Origin , Stem Cell Maintenance , Glycosaminoglycan Metabolic Process , Regulation of Muscle Cell Differentiation , Cell-Cell Junction Organization , Ribonucleoside Biosynthetic Process , Skeletal Muscle Fiber Development , Regulation of Carbohydrate Metabolic Process , Protein targeting to Nucleus

Application Details

Application Notes:	Known_Application: Cytokine Neutralization (Order Ab without BSA/Azide), Functional Assay (Order Ab without BSA/Azide), ELISA (0.1-0.4 µg/mL - Detection, 2-8 µg/mL - Capture), Immunofluorescence (8-25 µg/mL), Western Blot (1-2 µg/mL), Optimal dilution for a specific application should be determined. Positive_Control: Salivary gland carcinoma.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	Prepared in 10 mM PBS, WITHOUT BSA and Azide.
Preservative:	Azide free
Storage:	-20 °C,-80 °C
Storage Comment:	Antibody without azide store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.
Expiry Date:	24 months