

Mouse anti-Human, Pig Transforming Growth Factor Beta 1 (TGFb1) Monoclonal Antibody | anti-TGFb1 antibody

Monoclonal Antibody to Transforming Growth Factor Beta 1 (TGFb1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA21248	Mouse	Human, Pig	Western Blot, Immunohistochemistry, Immunocytochemistry, Immunoprecipitation

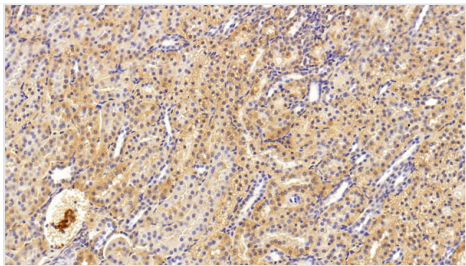
PRODUCT SYNONYMS

Transforming Growth Factor Beta 1 (TGFb1); Monoclonal Antibody; Monoclonal Antibody to Transforming Growth Factor Beta 1 (TGFb1); Transforming Growth Factor Beta 1; TGF-B1; CED; DPD1; LAP; Camurati-Engelmann Disease; Latency-associated peptide; anti-TGFb1 antibody

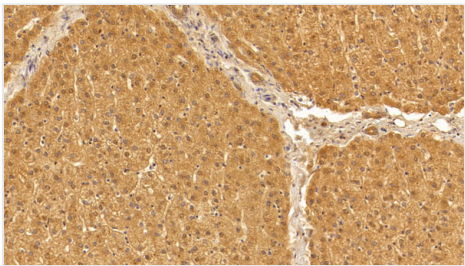
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Pig
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	D1
Specificity	The antibody is a mouse monoclonal antibody raised against TGFb1. It has been selected for its ability to recognize TGFb1 in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Liquid. 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	1mg/mL (varies by lot)
Sequence Positions	Leu30~Ser390
Applicable Applications for anti-TGFb1 antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IP (Immunoprecipitation)
Application Notes	WB: 0.5-2ug/mL IHC: 5-20ug/mL ICC: 5-20ug/mL
Immunogen	Recombinant Transforming Growth Factor Beta 1 (TGFb1)
Preparation and Storage	Store at 4 degree C for frequent use. Store at -20 degree C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. Stable for 12 months if correctly stored. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

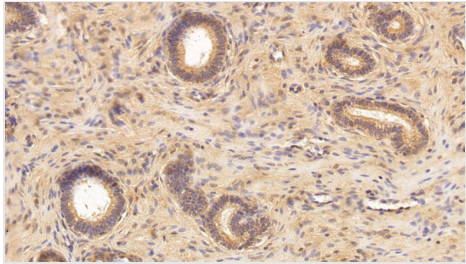
IMAGES



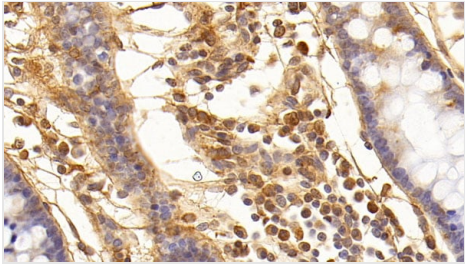
IHC (Immunohistochemistry)
DAB staining on IHC-P;Sample: human Kidney Tissue; Primary Ab: 20ug/ml Mouse Anti-human TGFb1 AntibodySecond Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



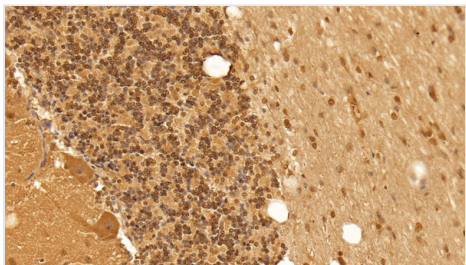
IHC (Immunohistochemistry)
DAB staining on IHC-P;Sample: human Liver Tissue; Primary Ab: 20ug/ml Mouse Anti-human TGFb1 AntibodySecond Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



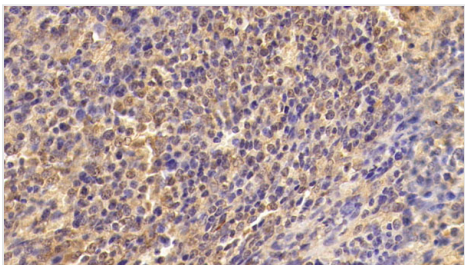
IHC (Immunohistochemistry)
DAB staining on IHC-P;Sample: human Uterus Tissue; Primary Ab: 20ug/ml Mouse Anti-human TGFb1 AntibodySecond Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



IHC (Immunohistochemistry)
DAB staining on IHC-P;Sample: human Colon Tissue; Primary Ab: 20ug/ml Mouse Anti-human TGFb1 AntibodySecond Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



IHC (Immunohistochemistry)
DAB staining on IHC-P;Sample: human CerebeluM Tissue; Primary Ab: 20ug/ml Mouse Anti-human TGFb1 AntibodySecond Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



IHC (Immunohistochemistry)
DAB staining on IHC-P;Sample: human Spleen Tissue; Primary Ab: 20ug/ml Mouse Anti-human TGFb1 AntibodySecond Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-TGFb1 antibody	Monoclonal Antibodies (Primary Abs); Monoclonal antibodies; Cytokine
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NCBI AND UNIPROT INFORMATION

NCBI GI #	63025222
NCBI GeneID	7040
NCBI Accession #	NP_000651.3
NCBI GenBank Nucleotide #	NM_000660.4
UniProt Accession #	P01137; Q9UCG4; A8K792
Molecular Weight	44,341 Da
NCBI Official Full Name	transforming growth factor beta-1

NCBI Official Synonym Full Names	transforming growth factor, beta 1
NCBI Official Symbol	TGFB1
NCBI Official Synonym Symbols	CED; LAP; DPD1; TGFB; TGFbeta
NCBI Protein Information	transforming growth factor beta-1; TGF-beta-1; TGF-beta 1 protein; latency-associated peptide
UniProt Protein Name	Transforming growth factor beta-1
UniProt Gene Name	TGFB1
UniProt Synonym Gene Names	TGFB; TGF-beta-1; LAP
UniProt Entry Name	TGFB1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/transforming-growth-factor-beta-1-tgfb1-antibody-clone-d1-western-blot-immunohistochemistry-immunocytochemistry-immunoprecipitation-elisa/21248>