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TGF-β1 Antibody

Rabbit Monoclonal Antibody (Mab)
Catalog # AD80272

Product Information

Application	IHC
Primary Accession	P01137
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Clone Names	133A7B2
Calculated MW	44325

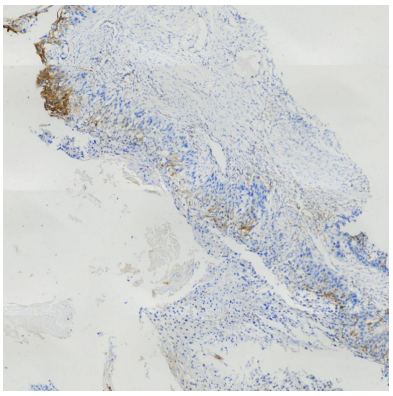
Additional Information

Gene ID	7040
Gene Name	TGFB1 (HGNC:11766)
Other Names	Transforming growth factor beta-1 proprotein, Latency-associated peptide, LAP, Transforming growth factor beta-1, TGF-beta-1, TGFB1 (HGNC:11766), TGFB
Dilution	IHC~~1:100~500
Storage	Maintain refrigerated at 2-8°C.
Precautions	TGF-β1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	TGFB1 (HGNC:11766)
Synonyms	TGFB
Function	Transforming growth factor beta-1 proprotein: Precursor of the Latency-associated peptide (LAP) and Transforming growth factor beta-1 (TGF-beta-1) chains, which constitute the regulatory and active subunit of TGF-beta-1, respectively.
Cellular Location	[Latency-associated peptide]: Secreted, extracellular space, extracellular matrix
Tissue Location	Highly expressed in bone (PubMed:11746498, PubMed:17827158). Abundantly expressed in articular cartilage and chondrocytes and is increased in osteoarthritis (OA) (PubMed:11746498, PubMed:17827158). Colocalizes with ASPN in chondrocytes within OA lesions of articular cartilage (PubMed:17827158)

Images



Immunohistochemical analysis of formalin-fixed and paraffin-embedded human pancreas tissue was performed with TGF-β1 primary antibody, followed by peroxidase-conjugated secondary antibody and DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.