

# TGF- $\beta$ 1 Antibody

Rabbit Monoclonal Antibody (Mab)

Catalog # AD80272

## Product Information

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<b>Application</b>	IHC
<b>Primary Accession</b>	<a href="#">P01137</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG
<b>Clone Names</b>	133A7B2

## Additional Information

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

## Protein Information

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<b>Synonyms</b>	TGFB
<b>Function</b>	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.
<b>Cellular Location</b>	Latency-associated peptide: Secreted, extracellular space, extracellular matrix
<b>Tissue Location</b>	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).

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