

TGFβ1 mouse Monoclonal Antibody(5D2)

Catalog # AP63745

Product Information

Application	IHC-P
Primary Accession	P01137
Reactivity	Rat, Mouse
Host	Mouse
Clonality	Monoclonal
Calculated MW	44325

Additional Information

Gene ID	7040
Other Names	TGFB1
Dilution	IHC-P~~IHC 1:100-200
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20°C

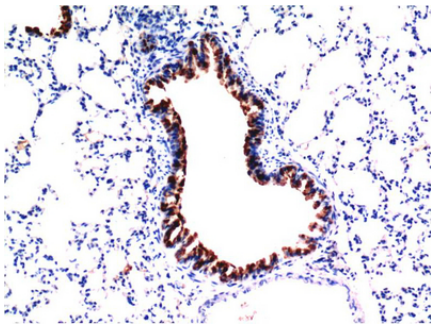
Protein Information

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)

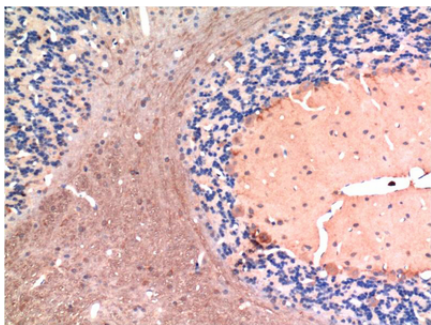
Background

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.

Images



Immunohistochemical analysis of paraffin-embedded Mouse Liver Tissue using Caspase-3 Mouse mAb diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Rat Brain Tissue using TGFβ1 Mouse mAb diluted at 1:200.

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