

**TGFβ1 mouse Monoclonal Antibody(5D2)**  
Catalog # AP63745**Specification**

---

**TGFβ1 mouse Monoclonal Antibody(5D2) - Product Information**

Application	IHC
Primary Accession	<a href="#">P01137</a>
Reactivity	Rat, Mouse
Host	Mouse
Clonality	Monoclonal

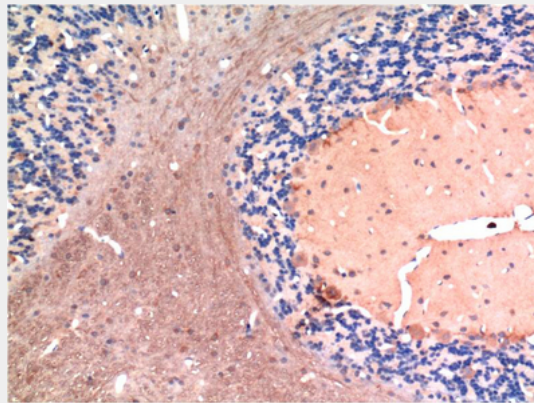
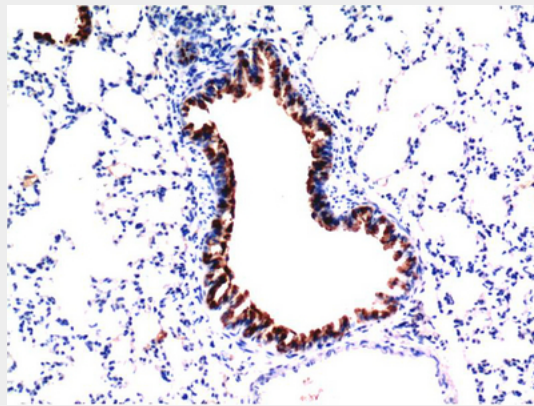
**TGFβ1 mouse Monoclonal Antibody(5D2) - Additional Information****Gene ID** 7040**Other Names**  
TGFB1**Dilution**  
IHC~~IHC 1:100-200**Format**  
Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.**Storage Conditions**  
-20°C**TGFβ1 mouse Monoclonal Antibody(5D2) - Protein 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)

## TGF $\beta$ 1 mouse Monoclonal Antibody(5D2) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## TGF $\beta$ 1 mouse Monoclonal Antibody(5D2) - Images



## TGF $\beta$ 1 mouse Monoclonal Antibody(5D2) - 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.