

**TGFβ1 mouse Monoclonal Antibody(10E5)**  
Catalog # AP63747**Specification**

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**TGFβ1 mouse Monoclonal Antibody(10E5) - Product Information**

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

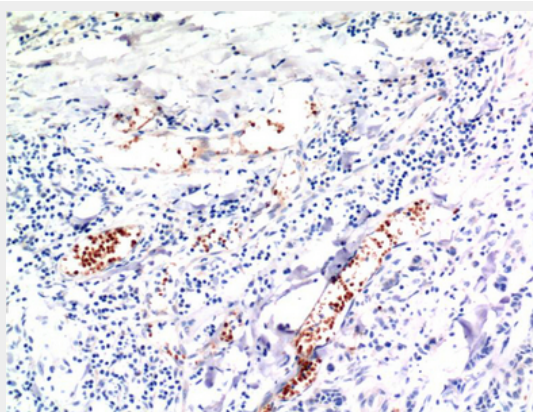
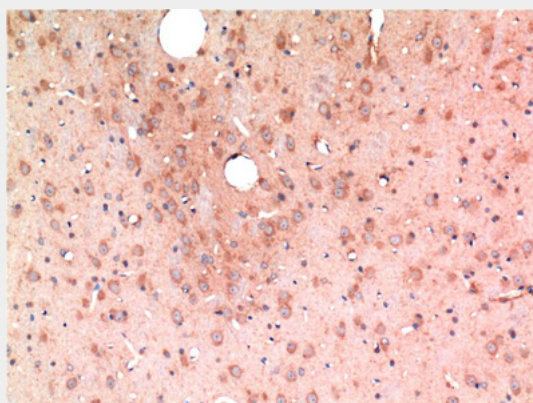
**TGFβ1 mouse Monoclonal Antibody(10E5) - Additional Information****Gene ID** 7040**Other Names**  
TGFB1**Dilution**  
IHC~~IHC 1:100-200**Format**  
Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.**Storage Conditions**  
-20°C**TGFβ1 mouse Monoclonal Antibody(10E5) - Protein 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)

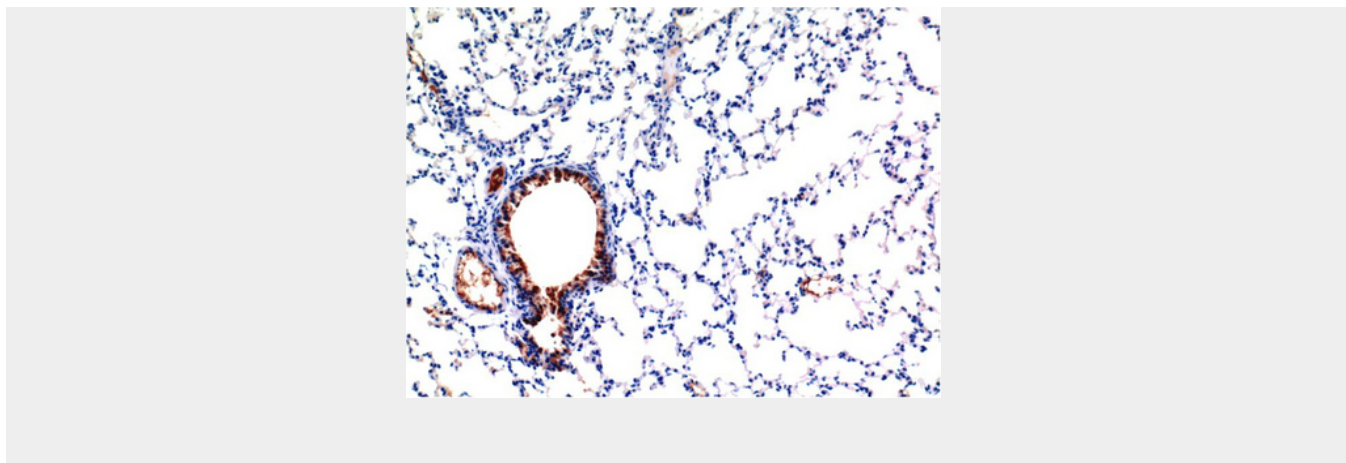
## TGF $\beta$ 1 mouse Monoclonal Antibody(10E5) - Protocols

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(10E5) - Images





### **TGFβ1 mouse Monoclonal Antibody(10E5) - 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.