

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

TGFβ1 mouse Monoclonal Antibody(10E5) - Product Information

Application	IHC-P
Primary Accession	P01137
Reactivity	Human, Rat, Mouse
Host	Mouse
Clonality	Monoclonal

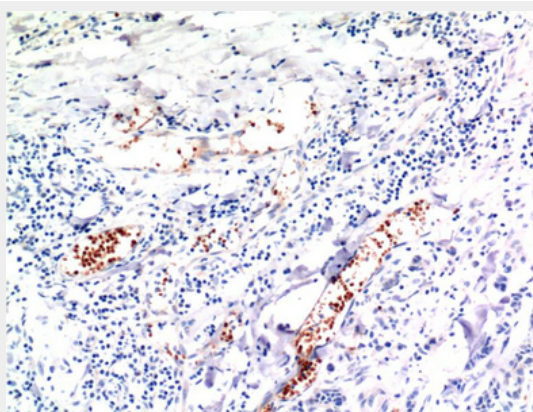
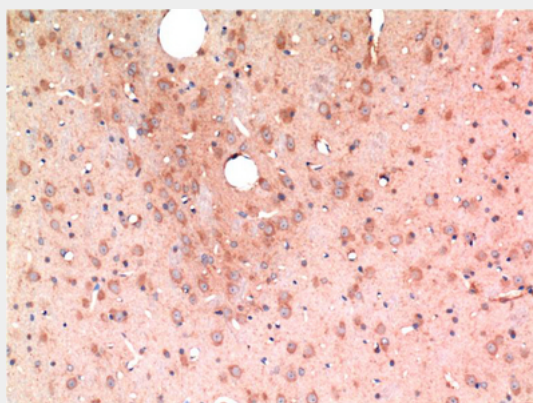
TGFβ1 mouse Monoclonal Antibody(10E5) - Additional Information**Gene ID** 7040**Other Names**
TGFB1**Dilution**
IHC-P~~N/A**Format**
Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.**Storage Conditions**
-20°C**TGFβ1 mouse Monoclonal Antibody(10E5) - Protein Information****Name**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

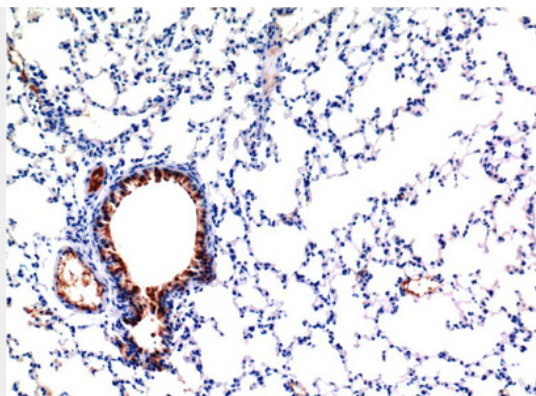
TGF β 1 mouse Monoclonal Antibody(10E5) - Protocols

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 β 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.