

TGFβ1 Polyclonal Antibody
Catalog # AP72815**Specification**

TGFβ1 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	P01137
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

TGFβ1 Polyclonal Antibody - Additional Information**Gene ID** 7040**Other Names**

TGFB1; TGFB; Transforming growth factor beta-1; TGF-beta-1

Dilution

WB~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

TGFβ1 Polyclonal Antibody - 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

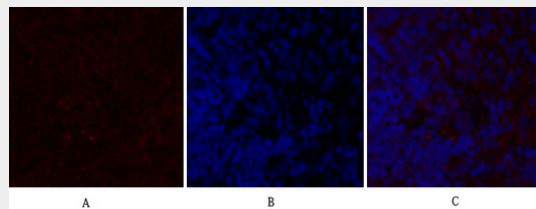
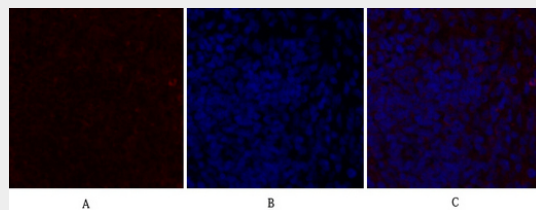
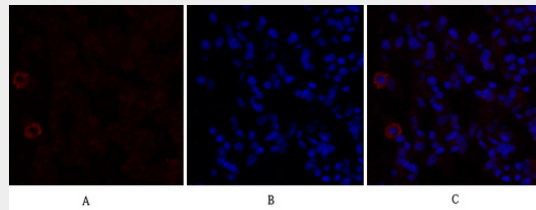
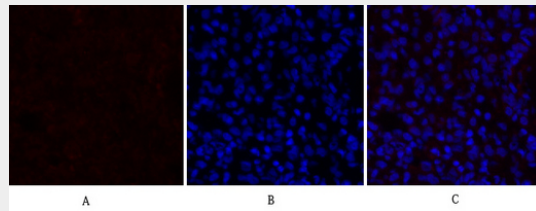
Highly expressed in bone (PubMed:11746498, PubMed:17827158). Abundantly expressed in articular cartilage and chondrocytes and is increased in osteoarthritis (OA) (PubMed:11746498, PubMed:17827158). Colocalizes with ASPN in chondrocytes within OA lesions of articular cartilage (PubMed:17827158)

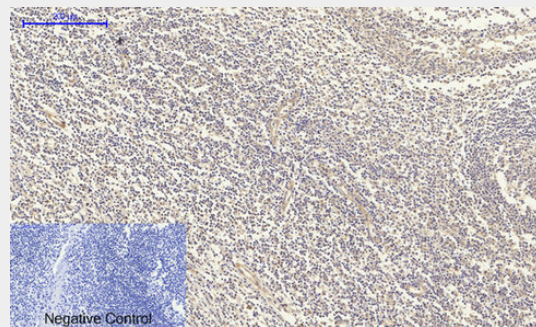
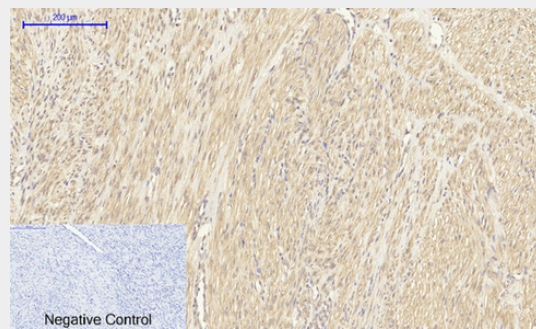
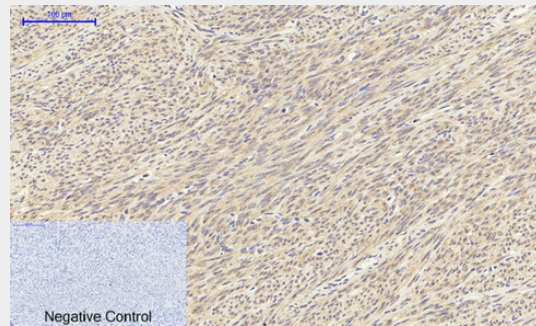
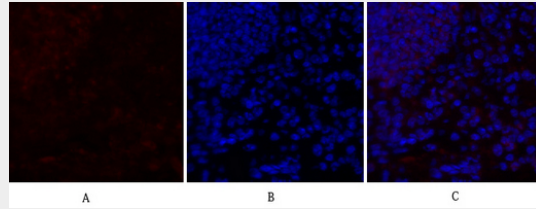
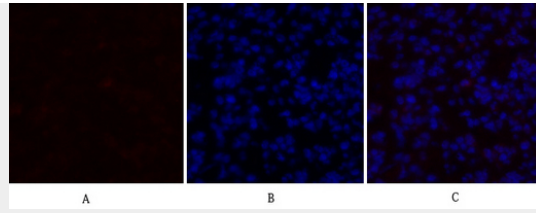
TGF β 1 Polyclonal Antibody - Protocols

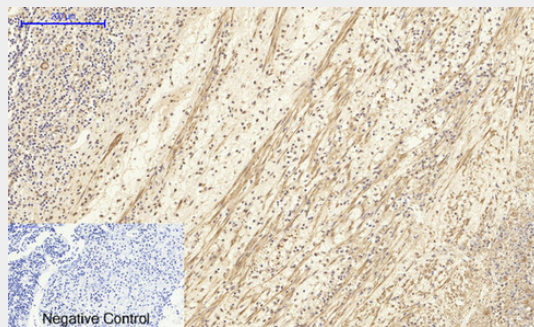
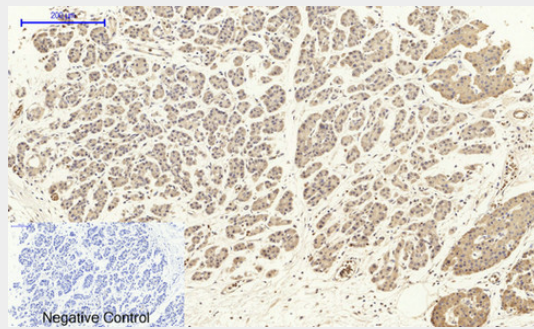
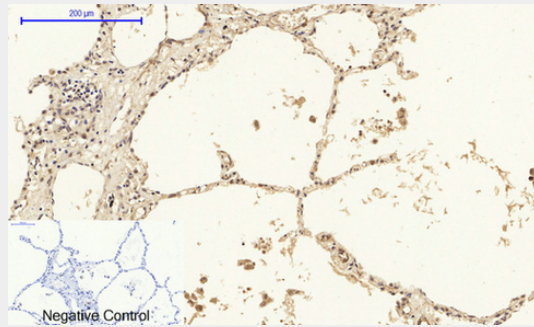
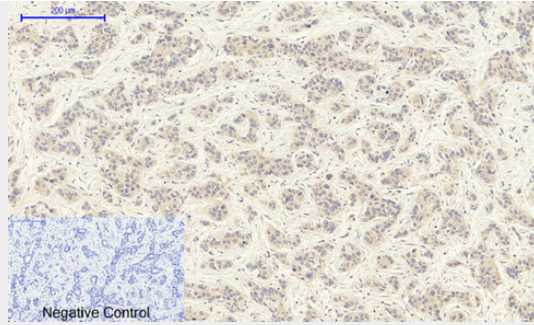
Provided below are standard protocols that you may find useful for product applications.

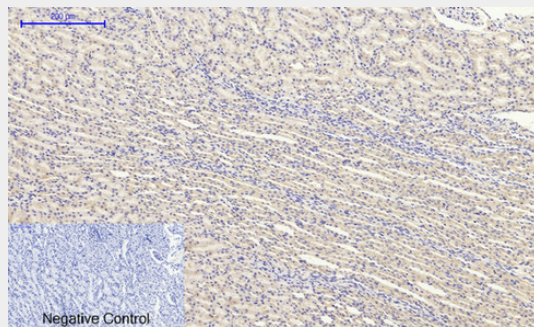
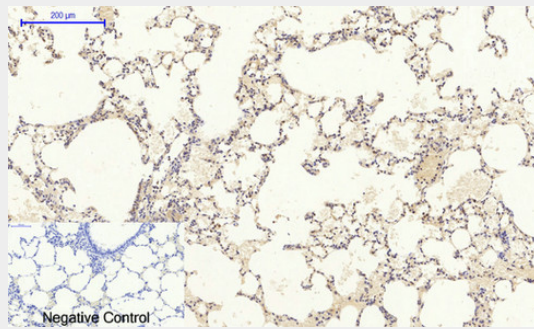
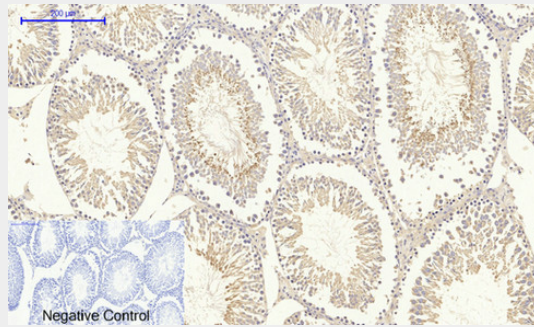
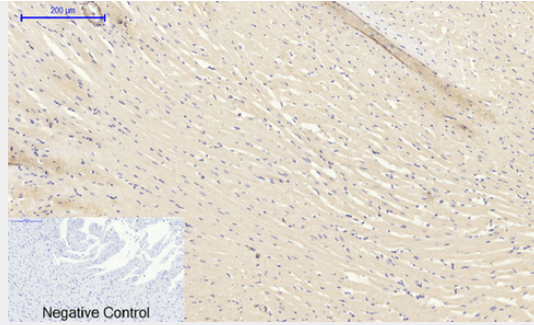
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

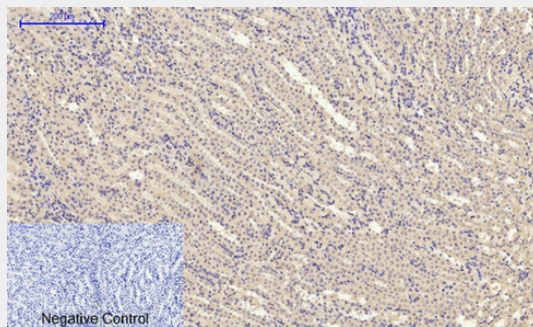
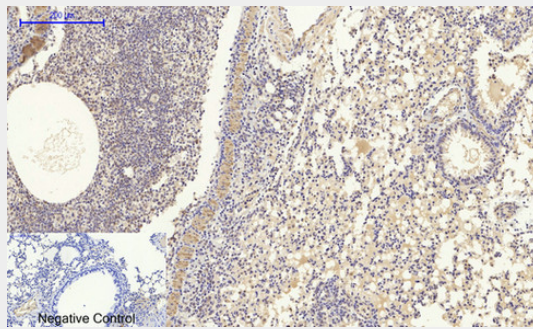
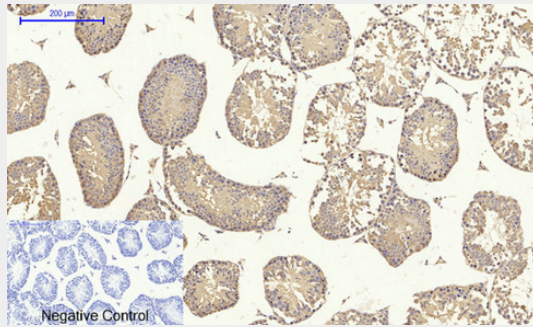
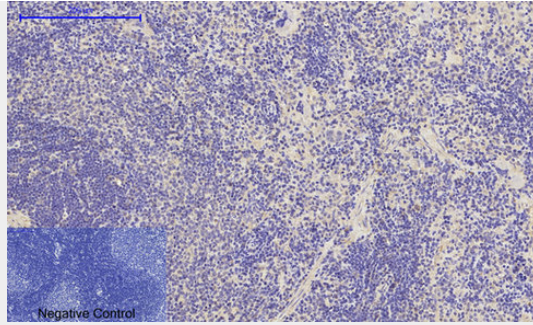
TGF β 1 Polyclonal Antibody - Images

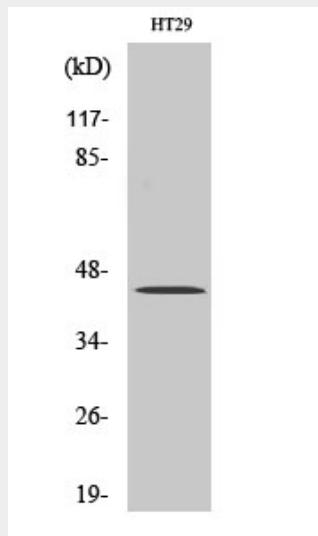
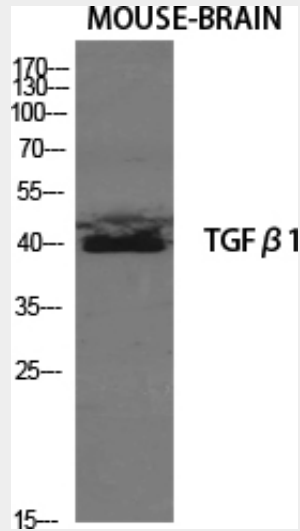
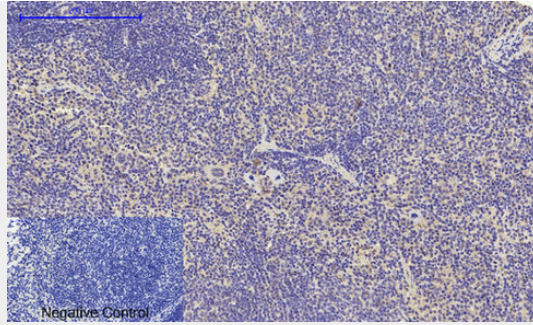




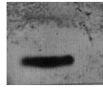






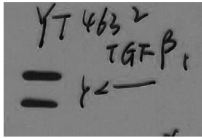


mouse-brain



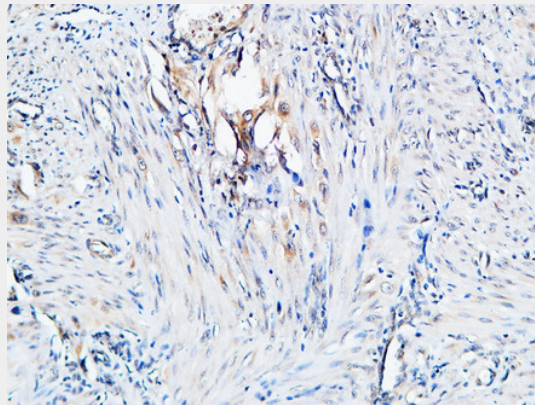
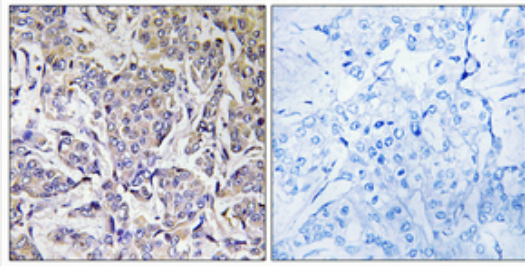
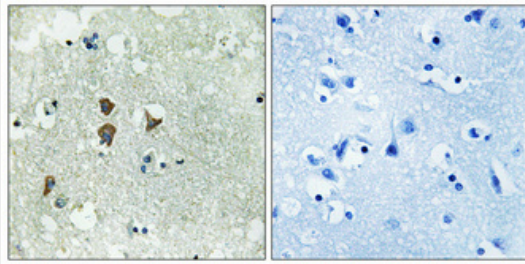
TGF B1 precursor (40KD)

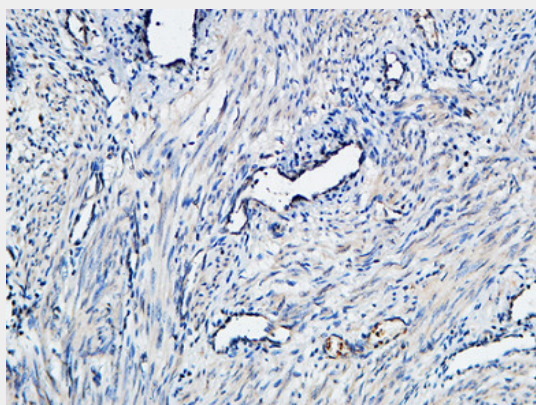
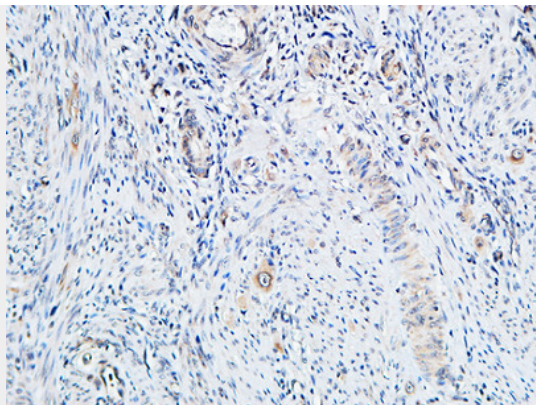
mouse-brain



TGF B1 precursor (40KD)

LAP form 35KD





TGFβ1 Polyclonal Antibody - Background

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