

**Anti-TGFb1 Reference Antibody (Genzyme patent anti-TGF- β)
Recombinant Antibody
Catalog # APR11044**

Specification

Anti-TGFb1 Reference Antibody (Genzyme patent anti-TGF- β) - Product Information

Application	FC, E, FTA
Primary Accession	P01137
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	145 KDa

Anti-TGFb1 Reference Antibody (Genzyme patent anti-TGF- β) - Additional Information

Target/Specificity
TGFb1

Endotoxin
< 0.001EU/ μ g, determined by LAL method.

Conjugation
Unconjugated

Expression system
CHO Cell

Format
Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.

Storage
-80°C for 2 years under sterile conditions □ -20°C for 1 year under sterile conditions □ Avoid repeated freeze-thaw cycles.

Anti-TGFb1 Reference Antibody (Genzyme patent anti-TGF- β) - 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

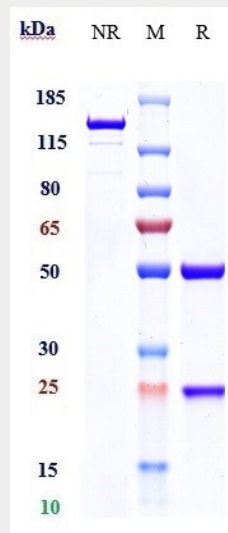
Highly expressed in bone (PubMed:11746498, PubMed:17827158). Abundantly expressed in articular cartilage and chondrocytes and is increased in osteoarthritis (OA) (PubMed:11746498, PubMed:17827158). Colocalizes with ASPN in chondrocytes within OA lesions of articular cartilage (PubMed:17827158)

Anti-TGFb1 Reference Antibody (Genzyme patent anti-TGF- β) - Protocols

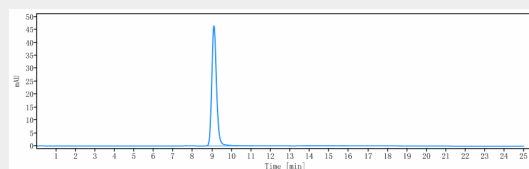
Provided below are standard protocols that you may find useful for product applications.

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

Anti-TGFb1 Reference Antibody (Genzyme patent anti-TGF- β) - Images



Anti-TGFb1 Reference Antibody (Genzyme patent anti-TGF- β) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%



The purity of Anti-TGFb1 Reference Antibody (Genzyme patent anti-TGF- β) is more than 95%, determined by SEC-HPLC.