

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

**Specification**

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**Anti-TGFb1 Reference Antibody (Genzyme patent anti-TGF- $\beta$ ) - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | FC, E, FTA             |
| Primary Accession | <a href="#">P01137</a> |
| Reactivity        | Rat, Human, Mouse      |
| Clonality         | Monoclonal             |
| Isotype           | IgG1                   |
| Calculated MW     | 145 KDa                |

**Anti-TGFb1 Reference Antibody (Genzyme patent anti-TGF- $\beta$ ) - Additional Information**

**Target/Specificity**  
TGFb1

**Endotoxin**  
< 0.001EU/  $\mu$ 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.

**Anti-TGFb1 Reference Antibody (Genzyme patent anti-TGF- $\beta$ ) - 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,

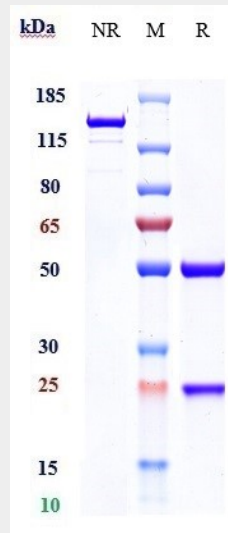
PubMed:17827158). Colocalizes with ASPN in chondrocytes within OA lesions of articular cartilage (PubMed:17827158)

### Anti-TGFb1 Reference Antibody (Genzyme patent anti-TGF- $\beta$ ) - Protocols

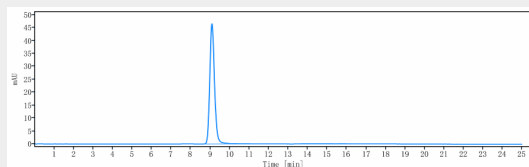
Provided below are standard protocols that you may find useful for product applications.

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

### Anti-TGFb1 Reference Antibody (Genzyme patent anti-TGF- $\beta$ ) - Images



Anti-TGFb1 Reference Antibody (Genzyme patent anti-TGF- $\beta$ ) 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- $\beta$ ) is more than 95%, determined by SEC-HPLC.