

# **Anti-TGFb1 Reference Antibody (NIS793)**

Recombinant Antibody Catalog # APR10673

## **Specification**

## Anti-TGFb1 Reference Antibody (NIS793) - Product Information

Application
Primary Accession
Reactivity
Clonality

Clonality Monoclonal Isotype IgG1
Calculated MW 145 KDa

# Anti-TGFb1 Reference Antibody (NIS793) - 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.

FC, E, FTA

Cynomolgus, Human, Mouse

P01137

## Anti-TGFb1 Reference Antibody (NIS793) - 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,



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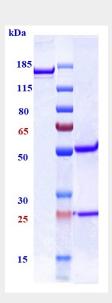
PubMed:17827158). Colocalizes with ASPN in chondrocytes within OA lesions of articular cartilage (PubMed:17827158)

## Anti-TGFb1 Reference Antibody (NIS793) - Protocols

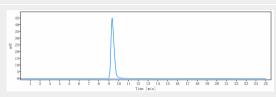
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## Anti-TGFb1 Reference Antibody (NIS793) - Images



Anti-TGFb1 Reference Antibody (NIS793) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



The purity of Anti-TGFb1 Reference Antibody (NIS793)is more than 95% ,determined by SEC-HPLC.