

# Anti-TGFb1 Reference Antibody (NIS793)

Recombinant Antibody Catalog # APR10673

#### **Product Information**

**Application** FC, Kinetics, Animal Model

Primary Accession P01137

**Reactivity** Human, Mouse **Clonality** Monoclonal

Isotype IgG1 Calculated MW 44325

### **Additional Information**

Target/Specificity TGFb1

**Endotoxin** 

**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.

### **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

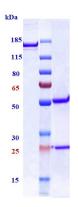
**Tissue Location** Highly expressed in bone (PubMed:11746498, PubMed:17827158).

Abundantly expressed in articular cartilage and chondrocytes and is increased in osteoarthritis (OA) (PubMed:11746498, PubMed:17827158). Colocalizes

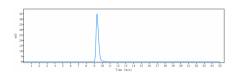
with ASPN in chondrocytes within OA lesions of articular cartilage

(PubMed:17827158)

## **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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.