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Anti-TGFb1 Reference Antibody (NIS793)

Recombinant Antibody
Catalog # APR10673

Specification

Anti-TGFb1 Reference Antibody (NIS793) - Product Information

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

Anti-TGFb1 Reference Antibody (NIS793) - Additional Information

Target/Specificity
TGFb1

Endotoxin
< 0.001EU/ μg,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 (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,

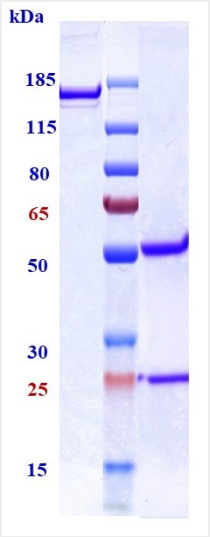
PubMed:17827158). Colocalizes with ASPN in chondrocytes within OA lesions of articular cartilage (PubMed:17827158)

Anti-TGFb1 Reference Antibody (NIS793) - Protocols

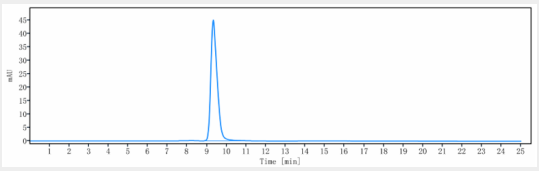
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- 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.