

**Anti-TGFb1 Reference Antibody (SRK181)  
Recombinant Antibody  
Catalog # APR10214****Specification**

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**Anti-TGFb1 Reference Antibody (SRK181) - Product Information**

Application	FC, E, FTA
Primary Accession	<a href="#">P01137</a>
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG4
Calculated MW	150 KDa

**Anti-TGFb1 Reference Antibody (SRK181) - 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.**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 (SRK181) - 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

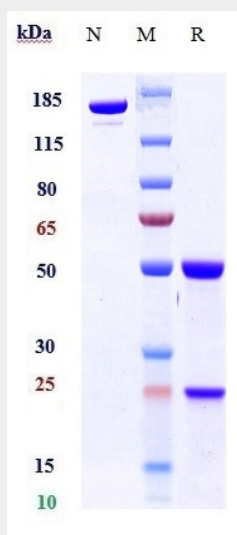
Highly expressed in bone (PubMed:11746498, PubMed:17827158). Abundantly expressed in articular cartilage and chondrocytes and is increased in osteoarthritis (OA) (PubMed:11746498, PubMed:17827158). Colocalizes with ASPN in chondrocytes within OA lesions of articular cartilage (PubMed:17827158)

### Anti-TGFb1 Reference Antibody (SRK181) - Protocols

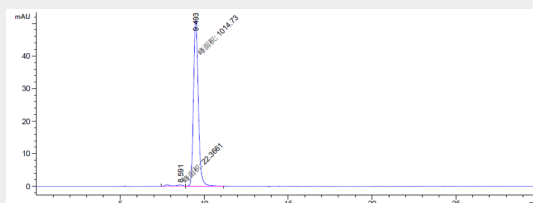
Provided below are standard protocols that you may find useful for product applications.

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

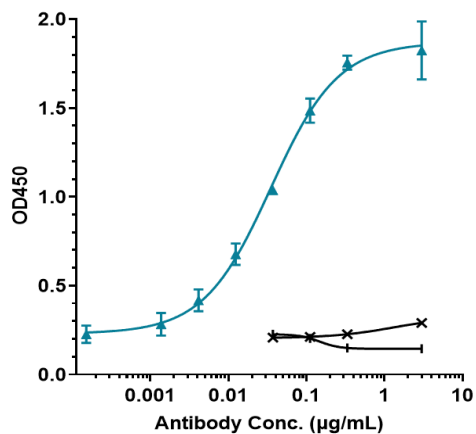
### Anti-TGFb1 Reference Antibody (SRK181) - Images



Anti-TGFb1 Reference Antibody (SRK181) 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 (SRK181) is more than 97.59%, determined by SEC-HPLC.



Immobilized human TGFb1 His at 2 µg/mL can bind Anti-TGFb1 Reference Antibody (SRK181)  $\square$ EC50=0.0349 µg/mL