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Anti-TGFb1 Reference Antibody (fresolimumab)

Recombinant Antibody
Catalog # APR10182

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	P01137
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG4SP
Calculated MW	44325

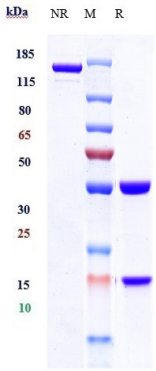
Additional Information

Target/Specificity	TGFb1
Endotoxin	
Conjugation	Unconjugated
Expression system	CHO
Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

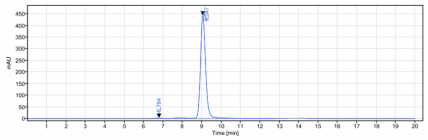
Protein Information

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)

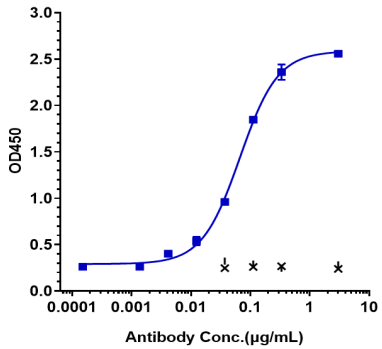
Images



Anti-TGFb1 Reference Antibody (fresolimumab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-TGFb1 Reference Antibody (fresolimumab) is 97.38%, determined by SEC-HPLC.



Immobilized human Latent TGF beta 1/TGFB 1, His Tag at 2 ug/mL can bind Anti-TGFb1 Reference Antibody (fresolimumab), EC50=0.06648 ug/mL.

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