

anti-Human Fresolimumab Monoclonal Antibody | anti-TGFB1 antibody

Research Grade Fresolimumab

CATALOG # AAA119969	HOST Homo sapiens (Human)	REACTIVITY Human
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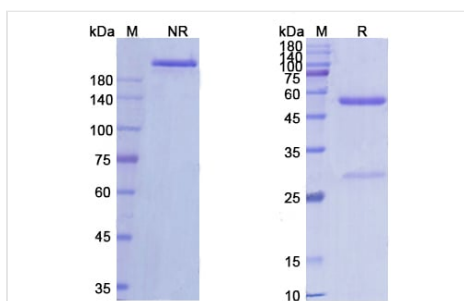
PRODUCT SYNONYMS

Fresolimumab; Monoclonal Antibody; Research Grade Fresolimumab; GC-1008; Transforming growth factor beta-1 proprotein; LAP; TGF-beta-1; TGFB1; TGFB; anti-TGFB1 antibody

PRODUCT SPECIFICATIONS

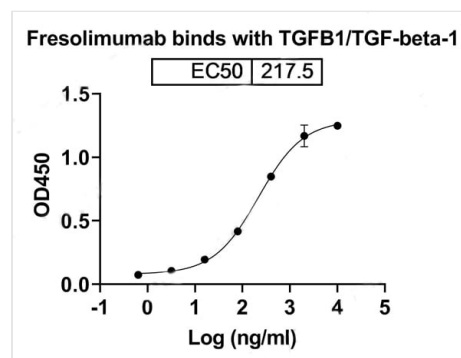
Host	Homo sapiens (Human)
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG4-kappa
Purity/Purification	>95%; Protein A or G purified from cell culture supernatant.
Form/Format	Liquid. 0.01M PBS, pH7.4
Concentration	1.89 mg/ml (varies by lot)
CAS	948564-73-6
Expression system	Mammalian cells
Preparation and Storage	Store at +4°C short term (1-2 weeks). Store at -20°C 12 months. Store at -80°C long term. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

IMAGES



SDS-PAGE

SDS PAGE for Fresolimumab



Bioactivity

Detects Human TGFB1/TGF-beta-1 in direct ELISAs.

ADDITIONAL INFORMATION

Product Categories/Family for anti-TGFB1 antibody	Research Biosimilar
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References	89 Zr-Labeled fresolimumab (human anti-transforming growth factor-β monoclonal antibody), PMID: 22299190 A Functional Genomic Meta-Analysis of Clinical Trials in Systemic Sclerosis: Toward Precision Medicine and Combination Therapy, PMID: 28011145 A phase 1, single-dose study of fresolimumab, an anti-TGF-β antibody, in treatment-resistant primary focal segmental glomerulosclerosis, PMID: 21368745 A Phase 2, Double-Blind, Placebo-Controlled, Randomized Study of Fresolimumab in Patients With Steroid-Resistant Primary Focal Segmental Glomerulosclerosis, PMID: 29270487 Antibody targeting of TGF-β in cancer patients, PMID: 21619535
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NCBI AND UNIPROT INFORMATION

NCBI GI #	63025222
NCBI GeneID	7040
NCBI Accession #	NP_000651.3
NCBI GenBank Nucleotide #	NM_000660.4
UniProt Accession #	P01137; Q9UCG4; A8K792
Molecular Weight	44,341 Da
NCBI Official Full Name	transforming growth factor beta-1
NCBI Official Synonym Full Names	transforming growth factor, beta 1
NCBI Official Symbol	TGFB1
NCBI Official Synonym Symbols	CED; LAP; DPD1; TGFB; TGFbeta
NCBI Protein Information	transforming growth factor beta-1; TGF-beta-1; TGF-beta 1 protein; latency-associated peptide
UniProt Protein Name	Transforming growth factor beta-1
UniProt Gene Name	TGFB1
UniProt Synonym Gene Names	TGFB; TGF-beta-1; LAP
UniProt Entry Name	TGFB1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.