

anti-Human Metelimumab Monoclonal Antibody | anti-TGFB1 antibody

Research Grade Metelimumab

CATALOG # AAA119970	REACTIVITY Human
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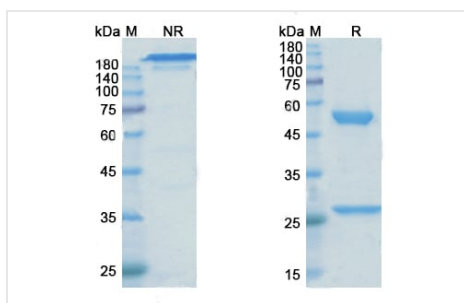
PRODUCT SYNONYMS

Metelimumab; Monoclonal Antibody; Research Grade Metelimumab; CAT-192; Transforming growth factor beta-1 proprotein; LAP; TGF-beta-1; TGFB1; TGFB; anti-TGFB1 antibody

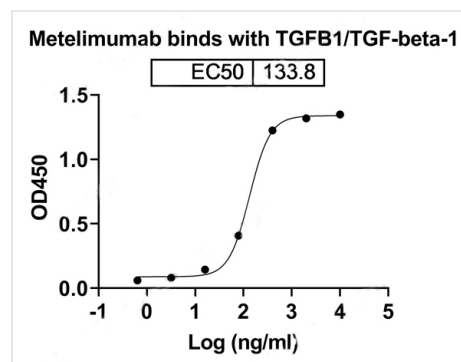
PRODUCT SPECIFICATIONS

Reactivity	Human
Clonality	Monoclonal
Isotype	IgG4-kappa
Purity/Purification	>95%; Protein A or G purified from cell culture supernatant.
Form/Format	Liquid. PBS buffer, pH7.4
Concentration	1mg/ml (varies by lot)
Host Species	Human
CAS	272780-74-2
Preparation and Storage	Store at +4 degree C short term (1-2 weeks). Store at -20 degree C 12 months. Store at -80 degree C long term. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

IMAGES



SDS-PAGE
SDS PAGE for Metelimumab



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	Gateways to clinical trials, PMID: 15834452 Novel use of accelerator mass spectrometry for the quantification of low levels of systemic therapeutic recombinant protein, PMID: 16554138 Strategies for TGF-beta modulation: a review of recent patents, PMID: 19939191 Structure-based engineering to restore high affinity binding of an isoform-selective anti-TGFβ1 antibody, PMID: 29333938
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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.