

Anti-TGFb1 Antibody (Fresolimumab)

Introduction

Fresolimumab (GC1008) is a high-affinity, fully human monoclonal antibody that neutralizes the active forms of human TGFβ1, TGFβ2, and TGFβ3. Fresolimumab can be used in the research of cancer and fibrotic diseases.

Product parameters

Alternative Names	Fresolimumab (USAN/INN), GC-1008, GC1008
Target Accession	P01137
Target	TGFb1
CAS number	948564-73-6
Molecular Weight	144.4 kDa
Host	CHO
Reactivity	Human
Conjugation	Unconjugated
Form	Liquid
Concentration	See label
Buffer System	100 mM Pro 20 mM Arg pH 5.0. No preservative!
Clonality	Monoclonal
Purification	Protein A
Isotype	IgG4SP
Application	ELISA, FACS, Kinetics, Functional assay, Animal Model
Biological activity	Immobilized human Latent TGF beta 1/TGFB 1, His Tag at 2 ug/mL can bind Anti-TGFb1 Antibody (Fresolimumab), EC50=0.06648 ug/mL.
Endotoxin	Less than 0.1 EU/ug determined by LAL method.
Sterilization	0.2 μM filtered
Reconstitution	For reconstitution, we recommend adding sterile, distilled water to achieve a final antibody concentration. Gently shake it to solubilize the protein completely. Do not vortex.
Shipping	Dry ice
Storage	-80°C
Expiration Date	2 years
Note	Please avoid freeze-thaw cycles.

Note

1. This product is for scientific research use only.



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