

GMP grade anti-CD3 monoclonal antibody (clone ; OKT3)

Code:T210 Anti-CD3 mAb (GMP) 1.0mg \7,200

- GMP grade anti-CD3 monoclonal antibody (clone; OKT3)
- To be used in T lymphocyte proliferation
- No animal- or human- derived components were used for manufacture of this product
- For research use and ex vivo cell culture processing only

Anti-CD3 antibody is used in proliferating T lymphocytes. Among many clones, the clone “OKT3” is most popularly used.

Anti-CD3 mAb(GMP) is manufactured as a quality-assured product, according to guidelines for Good Manufacturing Practice (GMP) for Investigational Products. No animal- or human- derived components were used for manufacture of this product. This product can be used for ex vivo cell culture processing and is limited to investigational use only.

【Product】

anti-CD3 monoclonal antibody Clone “OKT3”
(isotype : mouse IgG2a)

【Size】

1.0mg protein/1.0ml in a 2ml cryovial

【Storage Buffer】

Phosphate-buffered saline(PBS), pH7.4, with 200 ppm polysorbate 80.

【Quality】

- Includes no animal or human derived material.
- Endotoxin; <5 EU/ml as determined by kinetic Limulus Amebocyte Lysate (LAL) assay
- Manufactured according to relevant GMP guidelines

【Shipping and Storage】

2-8°C

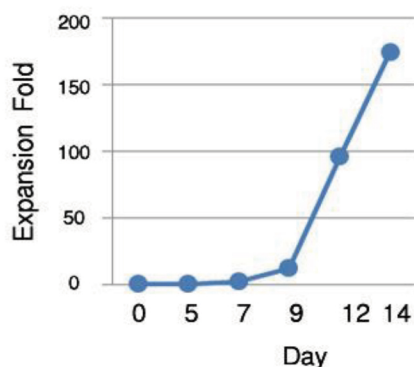
【Application】

For research use and ex vivo cell culture processing only. Not intended for human in vivo applications. Do not inject or infuse this product directly into a patient.



【Application 1】

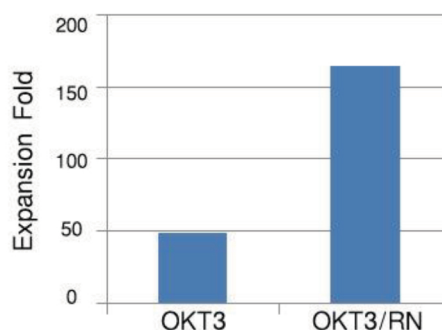
CIK(Cytokine-induced Killer) cells expansion by stimulation with Anti-CD3 mAb (GMP) and cytokine.



PBMCs were stimulated with Anti-CD3 mAb (GMP), IFN- γ , IL-1 α and IL-2 for 5 days. After stimulation, activated lymphocyte were diluted with medium and cultivated for 9days. Figure shows expansion fold on day 5, 7, 9,12 and 14.

【Application 2】

Co-stimulatory effect of Anti-CD3 mAb (GMP) and Retronectin® in T-lymphocyte expansion.



PBMCs were stimulated with pre-coated Anti-CD3 mAb (GMP) or pre-coated Anti-CD3 mAb (GMP) and Retronectin® for 4 days. After stimulation, activated lymphocyte were diluted with GT-T551 medium and cultivated. Figure shows expansion fold on day10.

Product name	Code	Size	Format	Price
Anti-CD3 mAb (GMP)	T210	1.0 mg/1.0 ml	liquid	¥ 7,200

Related Products

RetroNectin® (GMP)	T201	2.5 mg	Lyophilized Powder	Inquire
GT-T551 Culture medium, 1L Bottle	KB551S	1000 ml x 1		¥ 598
	KB551	1000 ml x 10		Inquire
GT-T551 H2 Culture medium, 1L Bottle	KB592S	1000 ml x 1		Inquire
GT-T551 H3 Culture medium, 1L Bottle	KB593S	1000 ml x 1		¥ 1,380
GT-T561 Culture medium, 1L Bottle	KB561S	1000 ml x 1		¥ 650
GT-T610 (CultiLife® Eva) Culture bag	KB0001	100 pc/Box		Inquire
GT-T610 (A) Culture bag	KB0002	100 pc/Box		Inquire
GT-T610 (B) Culture bag	KB0003	100 pc/Box		Inquire
GT-T610 (C) Culture bag	KB0004	100 pc/Box		Inquire
CultiLife 215	KB0005	100 pc/Box		Inquire