

Certificate of analysis

Product Name/Description: Anti-CD3 mAb GMP grade
Cat. #: T210
Lot #: YBAH13
Storage Conditions: Store at or below -70 degrees C
Expiration Date: August 03, 2024

Package Size: 1.0 mg/1.0 mL

Quality Control Data:

Test items	Specifications	Results
Sterility	Negative	Negative
Mycoplasma	Negative	Negative
Endotoxin	< 5 EU/mL	< 0.1 EU/mL
In vitro virus assay	Negative	Negative
Isotype	IgG2a	IgG2a
Isoelectric focusing (IEF)	conform to the control	Passed
Protein Content	1.0 ± 0.2 mg/mL	1.0 mg/mL
SDS-PAGE	conform to the control	Passed
Purity (SEC-HPLC)	≥ 95 %	99.4%
Immunoreactivity	conform to the control	Passed
Host cell DNA	< 10 ng/mL	< 5.0 ng/mL

It is certified that this product meets the above specifications.

Approved By:

Manager, Quality Assurance
Takara Bio Inc.

Notice To Purchaser:

This product is to be used for research use or non-commercial manufacturing for clinical research. This product is not intended for humans or animals in-vivo applications. Our products may not be transferred to third parties, resold, modified for resale, or used to manufacture commercial products or to provide a service to third parties without our prior written approval.

Product Documents, Patent Markings, Trademarks, & Safety Information:

Refer to website for availability to download or contact your local office:

www.takara-bio.co.jp (Japanese)

www.takarabio.com (English)

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