

# Certificate of analysis

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**Product Name/Description:** Anti-CD3 mAb GMP grade  
**Cat. #:** T210  
**Lot #:** YAID12  
**Storage Conditions:** Store at or below -70 degrees C  
**Expiration Date:** April 10, 2022  
**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	0.9 mg/mL
SDS-PAGE	conform to the control	Passed
Purity (SEC-HPLC)	≥ 95 %	98.6%
Immunoreactivity	conform to the control	Passed
Host cell DNA	< 10 ng/mL	< 3.0 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](http://www.takara-bio.co.jp) (Japanese)  
[www.takarabio.com](http://www.takarabio.com) (English)

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