

Certificate of Analysis

TAKARA

Product name/description : Anti-CD3 mAb (GMP)

Cat. # : T210

Lot. # : YADB11

Storage Condition : at or below -30 degrees C

Shipping Condition : -80 degrees C

Expiration Date : December 27, 2014

Package Size : 1.0 mg/1.0 ml

Quality Control Data :

Test items	Specifications	Results
1) Sterility Testing	Negative	Negative
2) Mycoplasma	Negative	Negative
3) Endotoxin	< 5EU/mL	< 0.1EU/mL
4) <i>In vitro</i> virus assay	Negative	Negative
5) Isotype	IgG2a	IgG2a
6) Isoelectric focusing (IEF)	conform to the control	Passed
7) Protein Content	1.0 ± 0.2mg/mL	0.99 mg/mL
8) SDS-PAGE	conform to the control	Passed
9) Purity (SEC - HPLC)	≥ 95 % (monomer + dimer)	97.7 %
10) Immunoreactivity	conform to the control	Passed
11) Host cell DNA	< 10 ng/mL	< 3 ng/mL

It is certified that this product meets above specifications.

Approved By :

Manager, Quality Assurance
TAKARA BIO INC.

Safety Information :

Please refer to our website for safety information :
<http://www.takara-bio.com>

Notice To Purchaser :

This product is not intended for human in vivo applications. It is the end user's responsibility to ensure that the final product meets the requirements of the application for which it is to be used.

This product may not be resold or transferred, modified for resale or transfer without written approval from TAKARA BIO INC.

If you require licenses for other use, please contact us by phone at +81 77 543 7247 or from our website.
<http://www.takara-bio.com>

Your use of this product is also subject to compliance with any applicable licensing requirements described on the product web page.

It is your responsibility to review, understand and adhere to any restrictions imposed by such statements.

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Country of origin: China