

Certificate of Analysis

TAKARA

Product name/description : Anti-CD3 mAb GMP grade

Cat. # : T210
Lot. # : YAEL13
Storage Condition : at or below -30 degrees C
Shipping Condition : -80 degrees C
Expiration Date : June 02, 2017
Package Size: 1.0 mg/1.0mL

Quality Control Data :

Test items	Specifications	Results
Sterility	Negative	Negative
Mycoplasma	Negative	Negative
Endotoxin	< 5 EU/mL	< 0.1 EU/mL
<i>In vitro</i> virus assay	Negative	Negative
Isotype	IgG2a	IgG2a
Isoelectric focusing (IEF)	conform to the control	Passed
Protein Content	1.0 ± 0.2 mg/mL	0.97 mg/mL
SDS-PAGE	conform to the control	Passed
Purity (SEC-HPLC)	≥ 95 % (monomer + dimer)	99.5%
Immunoreactivity	conform to the control	Passed
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.

TAKARA BIO INC.
Nojihigashi 7-4-38,
Kusatsu, Shiga 525-0058, Japan
www.takara-bio.com

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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 77 565 6973 or from our website.

<http://www.takara-bio.com>

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

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Country of origin: China