

Certificate of analysis

Product Name/Description: Anti-CD3 mAb GMP grade
Cat. #: T210
Lot #: YBJC15
Storage Conditions: Store at or below -70 degrees C
Expiration Date: March 30, 2023
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 % | 99.5% |
| 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.

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