

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2026-05-21 17:15:58
Date of Next Testing:	2027-05-21 17:15:58
Product Name:	CD44 Rat mAb
Lot #:	ZJ24F1013058
SKU #:	Ab094854
Version:	1
Analysis #:	036114
Clone ID:	IM7
Isotype:	Rat IgG2b
Source:	Hybridoma supernatant
Formulation:	Liquid
Concentration:	4.3mg/mL
Buffer Solution:	10mM PBS, 150mM NaCl, pH 7.2-7.4
Storage Conditions:	Store at -20°C, Avoid repeated freeze-thaw cycles
Analysis:	036114

Parameter	Limit Value	Result
Purity (SEC)	95-100(%)	99.00000 %
Molecular Weight	145-195(kD)	186.00000 kD
Purity(SDS-PAGE)	95-100(%)	99.00000 %
Target band MW in WB	72-88(kD)	80.00000 kD
Appearance(Ab094854)	Colourless liquid	Colourless liquid
Endotoxin Level ≤ 1 EU/mg	Conform	Conform
Flow Cytometry	Conform	Conform
Non-specific band in WB	Conform	Conform
IP	Conform	Conform
CD44 binding	Conform	Conform



Sophia Cheng
Quality Assurance