

Version 02

Update: 08/09/2021

# Certificate of Analysis

## Product Information

**Product Name:** PD-1 Antibody (2E5), mAb, Mouse  
**Cat. No.:** V02201  
**Quantity:** Specified on product label  
**Presentation:** 50 mM Na-citrate, 150 mM NaCl, pH7.0, containing 0.03% Proclin 300.  
**Storage:** For up to three months at 2-8°C or for up to three years at -20°C or below. Avoid repeated freezing and thawing cycles.  
**Reactivity:** Specific to human PD-1  
**Purification:** Protein A/G affinity column  
**Lot No.:** S2109002

## QC Results

Characteristics	Methods	Limits	Results
Concentration:	A280 with the extinction coefficient 1.43	≥ 2 mg/mL	4.8 mg/mL
Purity:	SEC-HPLC	≥ 95%	Pass
Aggregation:	SEC-HPLC	≤ 5%	Pass
Isoelectric Point:	cIEF	N/A	-
Expiry Date:	-	-	09/23/2024

N/A: Not available

**Date:** 10/19/2021**Approved by:** Dandan Yao**Quality Department**

*For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.*