

Version 1.1

Update: 12/27/2019

CERTIFICATE OF ANALYSIS

Product Information

Product Name	Anti-Human PD-1 Antibody (PD1.H5), mAb, Mouse
Cat. No.	A01828
Lot No.	H2110013
Quantity	Specified on product label
Presentation	Lyophilized powder from antibody solution with PBS, pH 7.4, containing 0.02% sodium azide
Conjugation	Unconjugated
Storage	The product remains stable up to 1 year at -20 °C from date of receipt. Upon reconstitution, it can be stored for 2-3 weeks at 2-8 °C or for up to 12 months at -20 °C or below. Avoid repeated freezing and thawing cycles.

Quality Control

Test Items	Specifications	Results
Reactivity	ELISA titer \geq 1:20,000 Specific to human PD-1 by ELISA	Qualified
Concentration	Tested by A280nm with the extinction coefficient 1.43	Qualified
Purification	Protein A affinity column	Qualified
Purity	\geq 90% by SDS-PAGE	Qualified

Caution:

For laboratory or further manufacturing use only. Not intended for household use. If you have any questions about the Certificate of Analysis, please contact our customer service representative at 1-877-436-7274 (Toll-Free), or 1-732-885-9188.

Certified by: *Dandan Yao* **Date:** 11/03/2021
Quality Department

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