

## CERTIFICATE OF ANALYSIS

### Product Information


Product Name	Anti-Human PD-L1 Antibody (PDL1.D1), mAb, Mouse
Cat. No.	A01830
Lot No.	16S001091
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 lyophilized 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	Specific to human PD-L1 protein by ELISA	Passed
Concentration	Tested by A280nm with the extinction coefficient 1.43	Passed
Purification	Protein A affinity column	Qualified
Purity	≥85% 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:   
Antibody Production Director

Date: 07/04/2016