

Version 1.0  
Update: 08/15/2019

## CERTIFICATE OF ANALYSIS

### Product Information

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Product Name	Anti-Trastuzumab Antibody (15H2), mAb, Mouse
Cat. No.	A02033
Lot No.	19L002019
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.

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### Quality Control

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Test Items	Specifications	Results
Reactivity	Specific to Trastuzumab by ELISA	Passed
Concentration	Tested by A280nm with the extinction coefficient 1.43	Passed
Purification	Protein A affinity column	Qualified
Purity	≥90% by SDS-PAGE	Qualified

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### 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: *Xianli Yang*      Date: 12/24/2019  
Quality Department

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