

Version 1.1

Update: 12/27/2019

## CERTIFICATE OF ANALYSIS

### Product Information

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Product Name	mGluR5 Antibody, pAb, Rabbit
Cat. No.	A01493
Lot No.	20C002100
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 lyophilized remains stable up to 1 year at -20 °C from date of receipt. After reconstituted, 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	ELISA titer $\geq 1:20,000$ Specific to mGluR5 protein with Ramos cell lysates by WB	Passed
Concentration	Tested by A280nm with the extinction coefficient 1.43	Passed
Purification	Immunoaffinity chromatography	Qualified
Purity	$\geq 85\%$ 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:** *Dandan Yao*  
**Quality Department**

**Date:** 12/31/2021

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