

Version 1.1  
Update: 9/28/2019

## Certificate of Analysis

### Product Information

**Product Name:** Total PAPP-A Antibody (19D1), mAb, Mouse  
**Cat. No.:** V01701  
**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 PAPP-A  
**Purification:** Protein A/G affinity column  
**Lot No.:** B2102010

### QC Results

Characteristics	Methods	Limits	Results
Concentration:	A280 with the extinction coefficient 1.43	≥ 2 mg/mL	4.9mg/mL
Purity:	SEC-HPLC	≥ 95%	Pass
Aggregation:	SEC-HPLC	≤ 5%	Pass
Isoelectric Point:	cIEF	N/A	-
Expiry Date:	-	-	02/01/2024

N/A: Not available

**Date:** 03/16/2021

**Approved by:** *Xianli Yang*

**Quality Department**

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