

CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: E01367M **Lot #:** 5E12522

Description: MAb to PAPP-A
Monoclonal Antibody to Human Pregnancy Associated Plasma Protein A (PAPP-A)

Specificity: Human PAPP-A subunit. Human PAPP-A antigen purified from placental blood is a heterotetrameric complex (htPAPP-A) consisting of two PAPP-A subunits and two proMBP subunits. Human PAPP-A antigen purified from atherosclerotic plaques is homodimeric dPAPP-A consisting of two PAPP-A subunits.

Host Animal: Mouse **Isotype:** IgG_{2b}

Source: Cell Culture

Immunogen: Purified human PAPP-A/proMBP heterotetrameric complex (htPAPP-A).

Format: Purified, Liquid

Purification: > 90% pure by SDS-PAGE. Protein A Chromatography

Concentration: 5.0 mg/mL (OD_{280nm}, E^{0.1%} = 1.4)

Buffer: Phosphate Buffered Saline, pH 7.4

Preservative: 0.09% Sodium Azide

Applications: Suitable for use in ELISA and WB (non-reducing conditions). Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Pairing for immunoassay:

<u>Capture</u>	<u>Detection</u>	
E01368M	E01367M	Detects total PAPP-A (htPAPP-A and /or dPAPP-A)

Storage: Store at 2-8°C.

Safety Note(s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Quality Signature:



05 May 2022

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY