



# Meridian

## Life Science,® Inc.

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### CERTIFICATE OF ANALYSIS

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

**Catalog #:** E86114M **Lot #:** 1C06319

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

**Specificity:** Specific to the proMBP subunit of heterotetrameric PAPP-A (htPAPP-A; PAPP-A/proMBP). Human PAPP-A antigen purified from placental blood is a heterotetrameric complex, consisting of two PAPP-A subunits and two pro-MBP subunits). Human PAPP-A antigen purified from atherosclerotic plaques is homodimeric consisting of 2 PAPP-A subunits.

**Host Animal:** Mouse **Isotype:** IgG2<sub>b</sub>

**Source:** Ascites

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

**Format:** Purified, Liquid

**Purification:** > 90% pure (SDS-PAGE). Protein A Chromatography

**Concentration:** 5.1 mg/mL (OD280nm, E 0.1% = 1.4)

**Buffer:** Phosphate Buffered Saline, pH 7.4

**Preservative:** 0.09% Sodium Azide

**Applications:** Detection of human htPAPP-A antigen in Immunoassay and Immunoprecipitation. Recognizes proMBP subunit in Western Blot. 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.

Recommended pair for detection of htPAPP-A in sandwich immunoassay:

<u>Capture</u>	<u>Detection</u>
E86101M	E86114M

**Storage:** Store at 2-8°C.

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

*Brenda Dinn*

04 MARCH 2019

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**