



# Meridian

## Life Science,® Inc.

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### CERTIFICATE OF ANALYSIS

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

**Catalog #:** E86141M **Lot #:** 3E13414

**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. Hybridization of Sp2/0 myeloma cells with spleen cells from Balb/c mice. **Isotype:** IgG<sub>2a</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:** 3.8 mg/mL (Sigma Protein Assay Kit).

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

**Preservative:** 0.1% Sodium Azide

**Applications:** Suitable for use in immunoassay, immunoprecipitation and Western Blot. Recognizes htPAPP-A in Western Blot (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.

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

<u>Capture</u>	<u>Detection</u>
E86141M	E86910M

**Storage:** Store at 2-8°C.

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

*Robert Ott*

Signature

14 October 16

Date

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**