



# Meridian

## Life Science, Inc.

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### CERTIFICATE OF ANALYSIS

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

**Catalog #:** E01261M **Lot #:** 1G20016

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

**Specificity:** Recognizes heterotetrameric PAPP-A (htPAPP-A placental blood form consisting of PAPP-A subunits and pro-MBP subunits) and dimeric PAPP-A (dPAPP-A atherosclerotic tissue form 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 atherosclerotic tissue heterotetrameric form of PAPP-A (PAPP-A/proMBP complex).

**Format:** Purified, Liquid

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

**Concentration:** 5.7 mg/ml (OD280nm, E 0.1% = 1.4)

**Affinity Constant:** Not determined

**Buffer:** PBS, pH 7.4

**Preservative:** 0.09% Sodium azide

**Applications:** Suitable for use in immunoassay and immunoprecipitation. 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 pairs for detection of htPAPP-A and dPAPP-A in sandwich immunoassay:

<u>Capture</u>	<u>Detection</u>
E86120M	E01261M
E86509M	E01261M

**Storage:** Store at 2-8°C.

**Warning:** This product contains sodium azide, which has been classified as Xn (Harmful), in European Directive 67/548/EEC in the concentration range of 0.1 – 1.0 %. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.

Signature

18 Jul 2016

Date

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**