Meridian Life Science,® Inc.
Innovative Solutions. Trusted Partner.®

5171 Wilfong Road
Memphis, TN 38134
USA
Telephone: 901-382-8716
Fax: 901-333-8223
Email: info@meridianlifescience.com
www.MeridianLifeScience.com

SPECIFICATION SHEET

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

Catalog #: E86101M **Lot #:** 2H21410

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.

Clone: 10E1

Host Animal: Mouse. Hybridization of Sp2/0 myeloma cells with spleen cells of BALB/c mice. **Isotype:** IgG_{2b}

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

Format: Purified, Liquid

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

Concentration: 8.3 mg/mL (Sigma Protein Assay Kit)

Affinity Constant: Not Determined

Buffer: PBS, pH 7.4

Preservative: 0.1% Sodium Azide

Applications: Suitable for use in immunoassay. 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:

Capture	Detection
E86101M	E86114M

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

Capture	Detection
E86120M	E86101M
E86101M	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.

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES.