

## CERTIFICATE OF ANALYSIS

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

**Catalog #:** E86509M **Lot #:** 2K32822

**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. Hybridization of Sp2/0 myeloma cells with spleen cells from BALB/c mice. **Isotype:** IgG<sub>2b</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:** 4.4 mg/mL (OD280nm, E 0.1% = 1.4)

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

**Preservative:** 0.09% Sodium Azide

**Applications:** Suitable for use in indirect ELISA, Immunoprecipitation and 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 pairs for detection of htPAPP-A and dPAPP-A in sandwich immunoassay:

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

**Storage:** Store at 2-8°C.

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

Quality Signature:



23 Nov 2022

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**