



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Mouse Anti Pregnancy Associated Plasma Protein A (PAPP-A) proMBP subunit

Catalog No.
MD-14-0098

Species
Human

Isotype
IgG2_b

Preparation

Host Animal: Mouse. Hybridization of SP2/0 myeloma cells with spleen cells from Balb/c mice.
Source: Ascites
Immunogen: Purified human PAPP-A/proMBP heterotetrameric complex (htPAPP-A)
Purification: >90% pure (SDS-PAGE). Protein A chromatography.

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.

Detection of human htPAPP-A antigen in immunoassay and immunoprecipitation. Recognizes the proMBP subunit in Western blot.

Formulation

Format: Purified, Liquid
Concentration: 3.4mg/ml
Affinity Constant: Not determined.
Buffer: PBS, pH 7.4
Preservative: 0.1% Sodium Azide

Storage

Store at 2-8°C.

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**



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Applications

Table Summary of antibody applications and working conditions

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Immunoassay (1)	.			
Western Blotting	.			
IHC – paraffin			.	
IHC – frozen			.	
Flow Cytometry			.	
Immunoprecipitation	.			

Note: Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.
(1) Recommended capture antibody for detection of htPAPP-A in sandwich immunoassay is MD-TP-6101

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