

## Datasheet for P200-0005

**Mouse Peroxidase Anti-Peroxidase (PAP) Soluble Complex****Overview**

<b>Description:</b>	Mouse Peroxidase Anti-Peroxidase (PAP) Soluble Complex - P200-0005
<b>Item No.:</b>	P200-0005
<b>Size:</b>	5 mg

**Product Details**

<b>Background:</b>	The peroxidase-anti-peroxidase (PAP) approach utilizes a complex of enzyme and antibody to facilitate amplification of signal, indirectly detecting the amount of primary antibody used in an assay. Generated in Mouse, the PAP complex can be utilized in any assay that utilizes a mouse primary antibody. With the addition of a secondary antibody that recognizes mouse, the reporter PAP complex allows for amplification of the luminescent signal (as three molecules of enzyme are bound to every two immunoglobulins).
<b>Synonyms:</b>	Mouse Peroxidase Anti-Peroxidase Soluble Complex, Mouse PAP Soluble Complex, mouse HRP anti-HRP Solution
<b>Conjugate:</b>	Peroxidase (HRP)
<b>Detection Kit Type:</b>	PAP Kit

**Target Details**

<b>Immunogen:</b>	Peroxidase (Horseradish)
<b>Purity/Specificity:</b>	This product was prepared from mouse ascites by delipidation, salt fractionation and ion exchange chromatography. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Mouse Serum and anti-Peroxidase.

**Application Details**

<b>Application Note:</b>	Suitable for use in peroxidase enzymatic labeling experiments. After reconstitution, dilute sample with PBS containing 5% normal serum from same host bridging antibody.
<b>Assay Dilutions:</b>	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

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**IHC:** User Optimized

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## Formulation

<b>Physical State:</b>	Lyophilized
<b>Concentration:</b>	5.0 mg/mL by UV absorbance at 280 nm
<b>Buffer:</b>	0.01 M Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2
<b>Preservative:</b>	None
<b>Stabilizer:</b>	None
<b>Reconstitution Buffer:</b>	Restore with deionized water (or equivalent)

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## Shipping & Handling

<b>Shipping Condition:</b>	Ambient
<b>Storage Condition:</b>	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
<b>Expiration:</b>	Expiration date is one (1) year from date of receipt.

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## Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.

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