

## Datasheet for P300-0005

## Rabbit Peroxidase Anti-Peroxidase (PAP) Soluble Complex

### Overview

<b>Description:</b>	Rabbit Peroxidase Anti-Peroxidase (PAP) Soluble Complex - P300-0005
<b>Item No.:</b>	P300-0005
<b>Size:</b>	5 mg

### Product Details

<b>Background:</b>	The peroxidase-antiperoxidase (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 Rabbit, the PAP complex can be utilized in any assay that utilizes a rabbit primary antibody. With the addition of a secondary antibody that recognizes rabbit, 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>	rabbit Peroxidase Anti-Peroxidase Soluble Complex, rabbit PAP Soluble Complex, rabbit 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>	Rabbit Peroxidase Anti-Peroxidase (PAP) Soluble Complex was prepared from rabbit polyclonal antiserum by delipidation, salt fractionation and ion exchange chromatography. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit 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

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