

For Research Use Only

# COQ7 Recombinant Matched Antibody Pair, PBS Only



Catalog Number: **MP02418-1**

## Capture Antibody Information

<b>Catalog Number:</b>	86394-2-PBS	<b>Clone ID:</b>	251065F1	<b>Conjugate:</b>
<b>Host:</b>	Rabbit	<b>Reactivity:</b>	human	Unconjugated
<b>Isotype:</b>	IgG	<b>Immunogen Catalog Number:</b>	Ag7161	<b>Full name:</b>
<b>Purification Method:</b>	Protein A purification			coenzyme Q7 homolog, ubiquinone (yeast)
				<b>Gene ID:</b>
				10229

## Detection Antibody Information

<b>Catalog Number:</b>	86394-1-PBS	<b>Clone ID:</b>	251065A2	<b>Conjugate:</b>
<b>Host:</b>	Rabbit	<b>Reactivity:</b>	human, mouse, rat	Unconjugated
<b>Isotype:</b>	IgG	<b>GenBank:</b>	BC003185	<b>Full name:</b>
<b>Purification Method:</b>	Protein A purification	<b>Immunogen Catalog Number:</b>	Ag7161	coenzyme Q7 homolog, ubiquinone (yeast)
				<b>Gene ID:</b>
				10229

## Applications

<b>Tested Applications:</b>	Cytometric bead array	<b>Range:</b>	3.125-200 ng/mL (Cytometric Bead Array)	<b>Recommended Dilutions:</b>
				It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

## Product Information

MP02418-1 targets COQ7 in immunoassays as a matched antibody pair. Validated in Cytometric bead array. Capture antibody: COQ7 Recombinant monoclonal antibody, PBS Only (Capture) 86394-2-PBS (251065F1). 100 µg. Concentration 1 mg/ml. Detection antibody: COQ7 Recombinant monoclonal antibody, PBS Only (Detector) 86394-1-PBS (251065A2). 100 µg. Concentration 1 mg/ml. Unconjugated rabbit recombinant monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply. Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs. Antibody use should be optimized for each application and assay.

## Storage

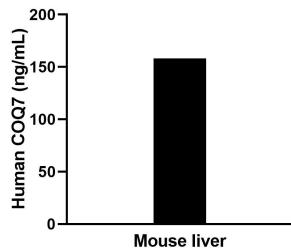
**Storage:**  
Store at -80°C.  
**Storage buffer:**  
PBS only

For technical support and original validation data for this product please contact:  
T: 1(888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data

Cytometric bead array standard curve of MP02418-1, COQ7 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 86394-2-PBS. Detection antibody: 86394-1-PBS. Standard: Ag7161. Range: 3.125-200 ng/mL.



The mean COQ7 concentration was determined to be 160.1 ng/mL in Mouse liver tissue extract based on a 8.4 mg/mL extract load.