

For Research Use Only

# COQ4 Recombinant antibody, PBS Only (Detector)



Catalog Number: 83144-1-PBS

## Basic Information

<b>Catalog Number:</b> 83144-1-PBS	<b>GenBank Accession Number:</b> BC011895	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 51117	<b>CloneNo.:</b> 230482E8
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9Y3A0	
<b>Isotype:</b> IgG	<b>Full Name:</b> coenzyme Q4 homolog (S. cerevisiae)	
<b>Immunogen Catalog Number:</b> AG10089	<b>Calculated MW:</b> 265 aa, 30 kDa	

## Applications

**Tested Applications:**  
Indirect ELISA, Cytometric bead array

**Species Specificity:**  
Human

## Product Information

83144-1-PBS targets COQ4 as part of a matched antibody pair:

MP00179-1: 83144-2-PBS capture and 83144-1-PBS detection (validated in Cytometric bead array)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) 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.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

## Storage

**Storage:**  
Store at -80°C.  
**Storage Buffer:**  
PBS Only

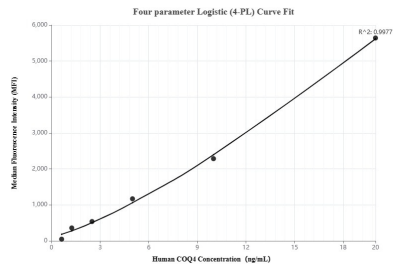
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Cytometric bead array standard curve of MP00179-1, COQ4 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83144-2-PBS. Detection antibody: 83144-1-PBS. Standard: Ag10089. Range: 0.625-20 ng/mL