

# UMPS Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02341-1**

## Capture Antibody Information

**Catalog Number:**  
86260-2-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
251020D4  
**Reactivity:**  
human  
**GenBank:**  
BC000364  
**Immunogen Catalog Number:**  
Ag6620

**Conjugate:**  
Unconjugated  
**Full name:**  
uridine monophosphate synthetase  
**Gene ID:**  
7372

## Detection Antibody Information

**Catalog Number:**  
86260-1-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
251020B6  
**Reactivity:**  
human  
**GenBank:**  
BC000364  
**Immunogen Catalog Number:**  
Ag6620

**Conjugate:**  
Unconjugated  
**Full name:**  
uridine monophosphate synthetase  
**Gene ID:**  
7372

## Applications

**Tested Applications:**  
Cytometric bead array

**Range:**  
0.469-60 ng/mL (Cytometric Bead Array)

**Recommended Dilutions:**  
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

## Product Information

MP02341-1 targets UMPS in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: UMPS Recombinant antibody, PBS Only (Capture) 86260-2-PBS (251020D4). 100 µg. Concentration 1 mg/mL.

Detection antibody: UMPS Recombinant antibody, PBS Only (Detector) 86260-1-PBS (251020B6). 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.

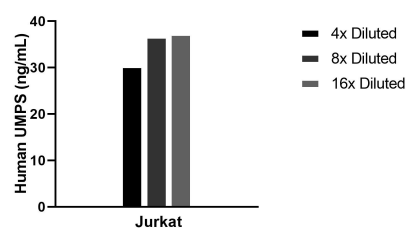
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

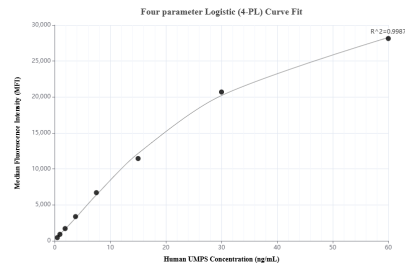
## Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**  
**Storage buffer:**  
PBS only

# Selected Validation Data



The mean UMPS concentration was determined to be 34.7 ng/mL in Jurkat cell extract based on a 1.2 mg/mL extract load.



Cytometric bead array standard curve of MP02341-1, UMPS Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 86260-2-PBS. Detection antibody: 86260-1-PBS. Standard: Ag6620. Range: 0.469-60 ng/mL.