

# EMR2 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP01442-3**

## Capture Antibody Information

**Catalog Number:**  
84608-2-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
242042B11  
**Reactivity:**  
human  
**GenBank:**  
NM\_013447.3

**Conjugate:**  
Unconjugated  
**Full name:**  
egf-like module containing, mucin-like, hormone receptor-like 2  
**Gene ID:**  
30817

## Detection Antibody Information

**Catalog Number:**  
84608-4-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
242042G9  
**Reactivity:**  
human  
**GenBank:**  
NM\_013447.3

**Conjugate:**  
Unconjugated  
**Full name:**  
egf-like module containing, mucin-like, hormone receptor-like 2  
**Gene ID:**  
30817

## Applications

**Tested Applications:**  
Sandwich ELISA

**Range:**  
39.1-2500 pg/mL (Sandwich ELISA)

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

## Product Information

MP01442-3 targets EMR2 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: EMR2 Recombinant antibody, PBS Only (Capture) 84608-2-PBS (242042B11). 100 µg. Concentration 1 mg/mL.

Detection antibody: EMR2 Recombinant antibody, PBS Only (Detector) 84608-4-PBS (242042G9). 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.

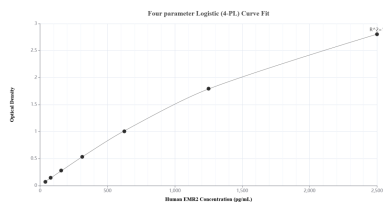
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

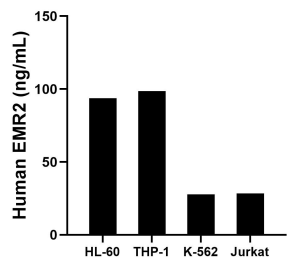
## Storage

**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



Sandwich ELISA standard curve of MP01442-3, Human EMR2 Recombinant Matched Antibody Pair - PBS only. 84608-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2479. 84608-4-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL.



The mean EMR2 concentration was determined to be 93.8 ng/mL in HL-60 cell extract based on a 1.4 mg/mL extract load, 98.6 ng/mL in THP-1 cell extract based on a 4.4 mg/mL extract load, 27.8 ng/mL in K-562 cell extract based on a 2.4 mg/mL extract load and 28.5 ng/mL in Jurkat cell extract based on a 4.2 mg/mL extract load.