

# Mouse HER2/ErbB2 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP01039-4**

## Capture Antibody Information

**Catalog Number:**  
84128-4-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
241366G12  
**Reactivity:**  
mouse  
**GenBank:**  
NM\_001003817.1

**Conjugate:**  
Unconjugated  
**Full name:**  
v-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/glioblastoma derived oncogene homolog (avian)  
**Gene ID:**  
13866

## Detection Antibody Information

**Catalog Number:**  
84128-6-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
241366B12  
**Reactivity:**  
mouse  
**GenBank:**  
NM\_001003817.1

**Conjugate:**  
Unconjugated  
**Full name:**  
v-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/glioblastoma derived oncogene homolog (avian)  
**Gene ID:**  
13866

## 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.

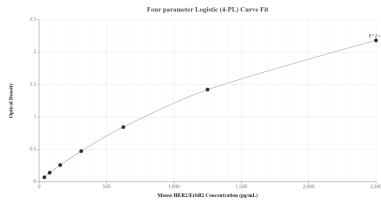
## Product Information

MP01039-4 targets HER2/ErbB2 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.  
Capture antibody: Mouse HER2/ErbB2 Recombinant antibody, PBS Only (Capture) 84128-4-PBS (241366G12). 100 µg. Concentration 1 mg/ml.  
Detection antibody: Mouse HER2/ErbB2 Recombinant antibody, PBS Only (Detector) 84128-6-PBS (241366B12). 100 µg. Concentration 1 mg/ml.  
Alternative HER2/ErbB2 matched antibody pairs: MP01080-1, MP01080-2, MP01080-3  
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.

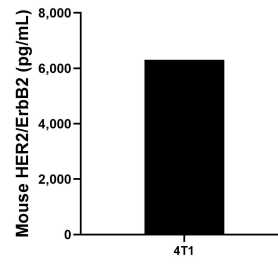
## Storage

**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 MP01039-4, Mouse HER2/ErbB2 Recombinant Matched Antibody Pair - PBS only. 84128-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0803. 84128-6-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL



The mean HER2/ErbB2 concentration was determined to be 6,307.1 pg/mL in 4T1 cell extract based on a 12.0 mg/mL extract load.