

For Research Use Only

# Mouse MERTK Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP03042-2

## Capture Antibody Information

Catalog Number:  
87457-4-PBS

Host:  
Rabbit

Isotype:  
IgG

Purification Method:  
Protein A purification

Clone ID:  
250615F2

Reactivity:  
mouse

Immunogen Catalog Number:  
Eg2866

Conjugate:  
Unconjugated

Full name:  
c-mer proto-oncogene tyrosine kinase

Gene ID:  
17289

## Detection Antibody Information

Catalog Number:  
87457-3-PBS

Host:  
Rabbit

Isotype:  
IgG

Purification Method:  
Protein A purification

Clone ID:  
250615D11

Reactivity:  
mouse

GenBank:  
NM\_008587.2

Immunogen Catalog Number:  
Eg2866

Conjugate:  
Unconjugated

Full name:  
c-mer proto-oncogene tyrosine kinase

Gene ID:  
17289

## Applications

Tested Applications:  
Sandwich ELISA

Range:  
0.313-20 ng/mL (Sandwich ELISA)

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

## Product Information

MP03042-2 targets MERTK in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Mouse Mertk Recombinant monoclonal antibody, PBS Only (Capture) 87457-4-PBS (250615F2). 100 µg. Concentration 1 mg/mL.

Detection antibody: Mouse Mertk Recombinant monoclonal antibody, PBS Only (Detector) 87457-3-PBS (250615D11). 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

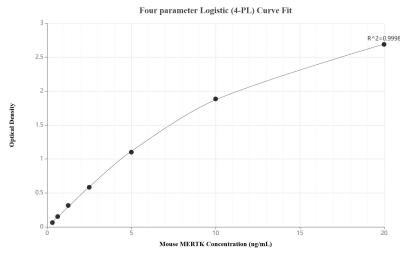
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

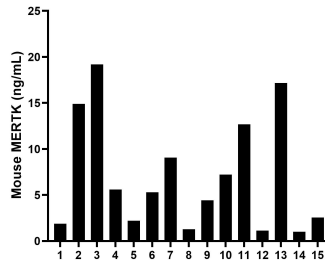
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

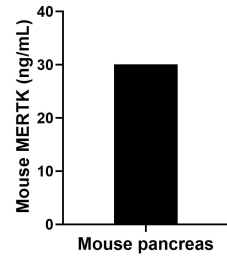
## Selected Validation Data



Sandwich ELISA standard curve of MP03042-2, Mouse MERTK Recombinant Matched Antibody Pair - PBS only. 87457-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2866. 87457-3-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL



Serum of fifteen mice was measured. The MERTK concentration of detected samples was determined to be 7.04 ng/mL with a range of 1.00-19.20 ng/mL



The mean MERTK concentration was determined to be 30.09 ng/mL in mouse pancreas extract based on a 10.60 mg/mL extract load.