

ERK5 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: MP03466-1

Capture Antibody Information

Catalog Number:
88255-3-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
260623B8
Reactivity:
human
GenBank:
BC007992
Immunogen Catalog Number:
Ag0017

Conjugate:
Unconjugated
Full name:
mitogen-activated protein kinase 7
Gene ID:
5598

Detection Antibody Information

Catalog Number:
88255-2-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
260623C9
Reactivity:
human
GenBank:
BC007992
Immunogen Catalog Number:
Ag0017

Conjugate:
Unconjugated
Full name:
mitogen-activated protein kinase 7
Gene ID:
5598

Applications

Tested Applications:
Sandwich ELISA

Range:
0.391-25 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

MP03466-1 targets ERK5 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: MAPK7 Recombinant monoclonal antibody, PBS Only (Capture) 88255-3-PBS (260623B8). 100 µg. Concentration 1 mg/mL.

Detection antibody: MAPK7 Recombinant monoclonal antibody, PBS Only (Detector) 88255-2-PBS (260623C9). 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.

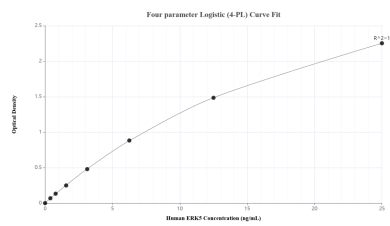
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

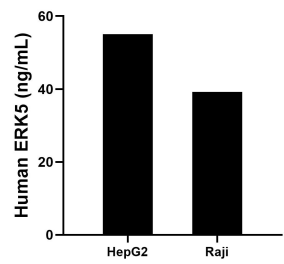
Storage

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 MP03466-1, Human ERK5 Recombinant Matched Antibody Pair - PBS only. 88255-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag0017. 88255-2-PBS was HRP conjugated as the detection antibody. Range: 0.391-25 ng/mL.



The mean ERK5 concentration was determined to be 55.06 ng/mL in HepG2 cell extract based on a 1.20 mg/mL extract load and 39.23 ng/mL in Raji cell extract based on a 1.50 mg/mL extract load.