For Research Use Only

PKM Recombinant Matched Antibody Pair, PBS Only

proteintech®
Antibodies | ELISA kits | Proteins
www.ptgcn.com

Catalog Number:MP03322-1

Capture Antibody Information

Catalog Number:
84451-5-PBS

Clone ID:
260211E10

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
human

Full name:
PKM pyruvate kinase, muscle

Isotype:
IgG

GenBank:
BC000481

Gene ID:
5315

Purification Method:
Protein A purification

Immunogen Catalog Number:
Ag0110

Detection Antibody Information

Catalog Number:
84451-4-PBS

Clone ID:
260211E6

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
human

Full name:
PKM pyruvate kinase, muscle

Isotype:
IgG

GenBank:
BC000481

Gene ID:
5315

Purification Method:
Protein A purification

Immunogen Catalog Number:
Ag0110

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

MP03322-1 targets PKM in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: PKM Recombinant monoclonal antibody, PBS Only (Capture) 84451-5-PBS (260211E10). 100 μg. Concentration 1 mg/ml.

Detection antibody: PKM Recombinant monoclonal antibody, PBS Only (Detector) 84451-4-PBS (260211E6). 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.

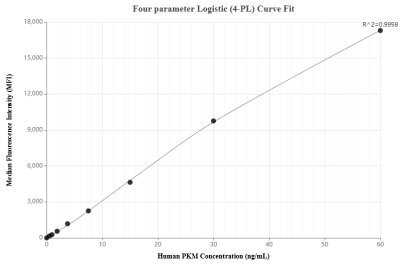
Storage

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

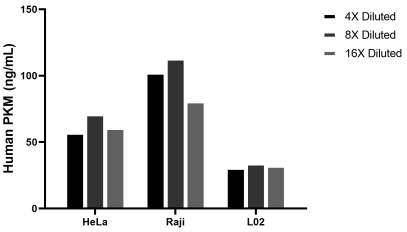
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

Selected Validation Data



Cytometric bead array standard curve of MP03322-1, PKM Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84451-5-PBS. Detection antibody: 84451-4-PBS. Standard: Ag0110. Range: 0.469-60 ng/mL.



The mean PKM concentration was determined to be 62.9 ng/mL in HeLa cell extract based on a 1.2 mg/mL extract load, 98.6 ng/mL in Raji cell extract based on a 1.2 mg/mL extract load, 32.3 ng/mL in L02 cell extract based on a 1.3 mg/mL extract load.