

Hexokinase 2 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02173-3**

Capture Antibody Information

Catalog Number:
85875-3-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
250190G7
Reactivity:
human
GenBank:
BC021116
Immunogen Catalog Number:
Ag16895

Conjugate:
Unconjugated
Full name:
hexokinase 2
Gene ID:
3099

Detection Antibody Information

Catalog Number:
85875-1-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
250190C10
Reactivity:
human
GenBank:
BC021116
Immunogen Catalog Number:
Ag16895

Conjugate:
Unconjugated
Full name:
hexokinase 2
Gene ID:
3099

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

MP02173-3 targets Hexokinase 2 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: HK2 Recombinant antibody, PBS Only (Capture/Detector) 85875-3-PBS (250190G7). 100 µg. Concentration 1 mg/mL.

Detection antibody: HK2 Recombinant antibody, PBS Only (Capture/Detector) 85875-1-PBS (250190C10). 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.

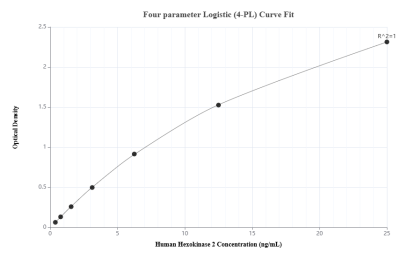
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

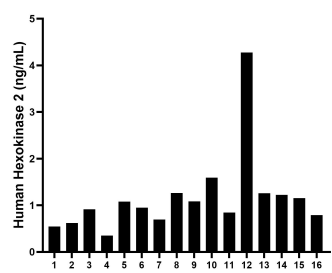
Storage

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

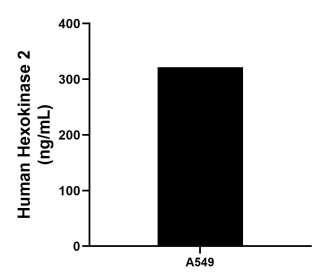
Selected Validation Data



Sandwich ELISA standard curve of MP02173-3, Human Hexokinase 2 Recombinant Matched Antibody Pair - PBS only. 85875-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag16895. 85875-1-PBS was HRP conjugated as the detection antibody. Range: 0.391-25 ng/mL



Serum of sixteen individual healthy human donors was measured. The human Hexokinase 2 concentration of detected samples was determined to be 1.16 ng/mL with a range of 0.35 - 4.27 ng/mL



The mean Hexokinase 2 concentration was determined to be 321.70 ng/mL in A549 cell extract based on a 1.3 mg/mL extract load.