

GCSH Recombinant Matched Antibody Pair, PBS Only

Catalog Number: MP00021-3

Capture Antibody Information

Catalog Number:
83012-3-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
230505C10

Reactivity:
human

GenBank:
BC000790

Immunogen Catalog Number:
Ag10174

Conjugate:
Unconjugated

Full name:
glycine cleavage system protein H (aminomethyl carrier)

Gene ID:
2653

Detection Antibody Information

Catalog Number:
83012-2-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
230505C4

Reactivity:
human

GenBank:
BC000790

Immunogen Catalog Number:
Ag10174

Conjugate:
Unconjugated

Full name:
glycine cleavage system protein H (aminomethyl carrier)

Gene ID:
2653

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA

Range:
0.625-20 ng/mL (Cytometric Bead Array)
0.156-10 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

MP00021-3 targets GCSH in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: GCSH Recombinant antibody, PBS Only (Capture) 83012-3-PBS (230505C10). 100 µg. Concentration 1 mg/mL.

Detection antibody: GCSH Recombinant antibody, PBS Only (Capture/Detector) 83012-2-PBS (230505C4). 100 µg. Concentration 1 mg/mL.

Alternative GCSH matched antibody pairs: MP00021-1, MP00021-2, MP50697-1, MP50697-2

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.

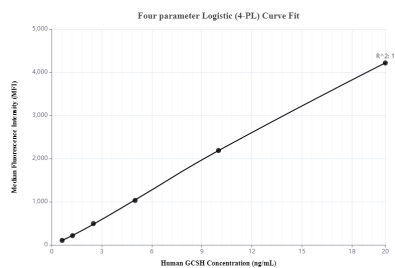
Antibody use should be optimized for each application and assay.

Storage

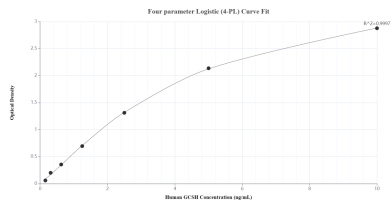
Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage buffer:
PBS only

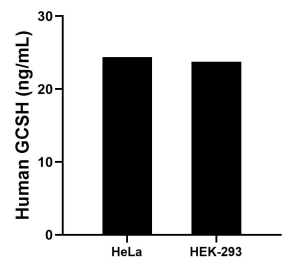
Selected Validation Data



Cytometric bead array standard curve of MP00021-3, GCSH Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83012-3-PBS. Detection antibody: 83012-2-PBS. Standard: Ag10174. Range: 0.625-20 ng/mL



Sandwich ELISA standard curve of MP00021-3, Human GCSH Recombinant Matched Antibody Pair - PBS only. 83012-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag10174. 83012-2-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



The mean GCSH concentration was determined to be 24.39 ng/mL in HeLa cell extract based on a 3.60 mg/mL extract load and 23.77 ng/mL in HEK-293 cell extract based on a 3.40 mg/mL extract load.