

CLPX Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP00277-3

Capture Antibody Information

Catalog Number:
83097-2-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
230346B8
Reactivity:
human
GenBank:
NM_006660
Immunogen Catalog Number:
Ag34213

Conjugate:
Unconjugated
Full name:
ClpX caseinolytic peptidase X homolog (E. coli)
Gene ID:
10845

Detection Antibody Information

Catalog Number:
83097-1-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
230346H1
Reactivity:
human, mouse, rat
GenBank:
NM_006660
Immunogen Catalog Number:
Ag34213

Conjugate:
Unconjugated
Full name:
ClpX caseinolytic peptidase X homolog (E. coli)
Gene ID:
10845

Applications

Tested Applications:
Sandwich ELISA

Range:
0.78-50 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

MP00277-3 targets CLPX in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: CLPX Recombinant antibody, PBS Only (Capture/Detector) 83097-2-PBS (230346B8). 100 µg. Concentration 1 mg/ml.

Detection antibody: CLPX Recombinant antibody, PBS Only (Capture/Detector) 83097-1-PBS (230346H1). 100 µg. Concentration 1 mg/ml.

Alternative CLPX matched antibody pairs: MP00277-1, MP00277-2

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.

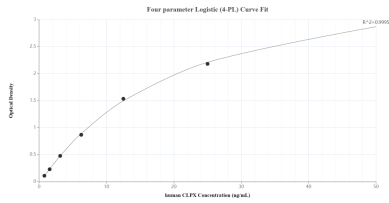
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

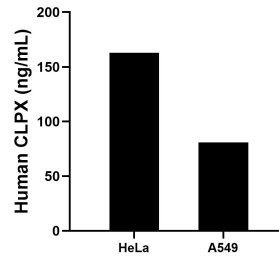
Storage

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



Sandwich ELISA standard curve of MP00277-3, Human CLPX Recombinant Matched Antibody Pair - PBS only. 83097-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag34213. 83097-1-PBS was HRP conjugated as the detection antibody. Range: 0.78-50 ng/mL



The mean CLPX concentration was determined to be 163.0 ng/mL in HeLa cell extract based on a 1.2 mg/mL extract load and 80.9 ng/mL in A549 cell extract based on a 1.0 mg/mL extract load.