

HARS Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP00486-1

Capture Antibody Information

Catalog Number:
83497-1-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
240495C1

Reactivity:
human

GenBank:
BC011807

Immunogen Catalog Number:
Ag9333

Conjugate:
Unconjugated

Full name:
histidyl-tRNA synthetase

Gene ID:
3035

Detection Antibody Information

Catalog Number:
83497-2-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
240495C3

Reactivity:
human

GenBank:
BC011807

Immunogen Catalog Number:
Ag9333

Conjugate:
Unconjugated

Full name:
histidyl-tRNA synthetase

Gene ID:
3035

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA

Range:
0.78-100 ng/mL (Cytometric Bead Array)
39.1-2500 pg/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP00486-1 targets HARS in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: HARS Recombinant antibody, PBS Only (Capture) 83497-1-PBS (240495C1). 100 µg. Concentration 1 mg/mL.

Detection antibody: HARS Recombinant antibody, PBS Only (Detector) 83497-2-PBS (240495C3). 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.

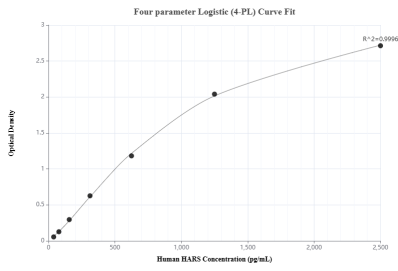
Storage

Storage:
Store at -80°C.

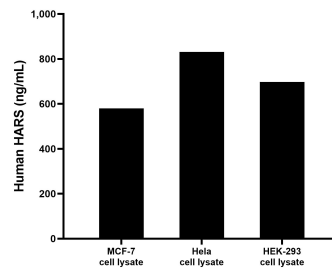
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage buffer:
PBS only

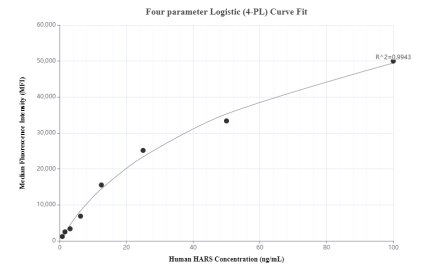
Selected Validation Data



Sandwich ELISA standard curve of MP00486-1, Human HARS Recombinant Matched Antibody Pair - PBS only. 83497-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag9333. 83497-2-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL



MCF-7, HeLa and HEK-293 cell lysates were measured. The human HARS concentration of detected samples was determined to be 579.62 ng/mL (based on a 4.3 mg/mL extract load) in MCF-7 cell lysate, 830.79 ng/mL (based on a 3.6 mg/mL extract load) in HeLa cell lysate and 698.03 ng/mL (based on a 3.4 mg/mL extract load) in HEK-293 cell lysate.



Cytometric bead array standard curve of MP00486-1, HARS Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83497-1-PBS. Detection antibody: 83497-2-PBS. Standard: Ag9333. Range: 0.78-100 ng/mL