

For Research Use Only

AARS Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP03098-2

Capture Antibody Information

Catalog Number:
87581-5-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
253004B6

Reactivity:
human

GenBank:
BC011451

Immunogen Catalog Number:
Ag11294

Conjugate:
Unconjugated

Full name:
alanyl-tRNA synthetase

Gene ID:
16

Detection Antibody Information

Catalog Number:
87581-3-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
253004E4

Reactivity:
human

GenBank:
BC011451

Immunogen Catalog Number:
Ag11294

Conjugate:
Unconjugated

Full name:
alanyl-tRNA synthetase

Gene ID:
16

Applications

Tested Applications:
Sandwich ELISA

Range:
1.56-100 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

MP03098-2 targets AARS in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: AARS Recombinant monoclonal antibody, PBS Only (Capture) 87581-5-PBS (253004B6). 100 μ g. Concentration 1 mg/mL.

Detection antibody: AARS Recombinant monoclonal antibody, PBS Only (Detector) 87581-3-PBS (253004E4). 100 μ g. 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:

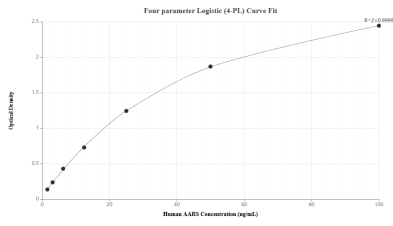
T: 4006900926

E: Proteintech-CN@ptglab.com

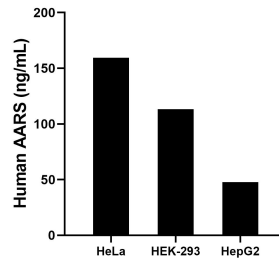
W: ptgcn.com

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

Selected Validation Data



Sandwich ELISA standard curve of MP03098-2, Human AARS Recombinant Matched Antibody Pair - PBS only. 87581-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag11294. 87581-3-PBS was HRP conjugated as the detection antibody. Range: 1.56-100 ng/mL



The mean AARS concentration was determined to be 159.36 ng/mL in HeLa cell extract based on a 1.2 mg/mL extract load, 113.33 ng/mL in HEK-293 cell extract based on a 1.2 mg/mL extract load and 47.64 ng/mL in HepG2 cell extract based on a 1.2 mg/mL extract load.