

PAICS Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02343-2**

Capture Antibody Information

Catalog Number:
86255-2-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
250910H8
Reactivity:
human
GenBank:
BC010273
Immunogen Catalog Number:
Ag3621

Conjugate:
Unconjugated
Full name:
phosphoribosylaminoimidazole
carboxylase,
phosphoribosylaminoimidazole
succinocarboxamide synthetase
Gene ID:
10606

Detection Antibody Information

Catalog Number:
86255-4-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
250910D3
Reactivity:
human
GenBank:
BC010273
Immunogen Catalog Number:
Ag3621

Conjugate:
Unconjugated
Full name:
phosphoribosylaminoimidazole
carboxylase,
phosphoribosylaminoimidazole
succinocarboxamide synthetase
Gene ID:
10606

Applications

Tested Applications:
Sandwich ELISA

Range:
0.625-40 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

MP02343-2 targets PAICS in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: PAICS Recombinant antibody, PBS Only (Capture) 86255-2-PBS (250910H8). 100 µg. Concentration 1 mg/mL.

Detection antibody: PAICS Recombinant antibody, PBS Only (Detector) 86255-4-PBS (250910D3). 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.

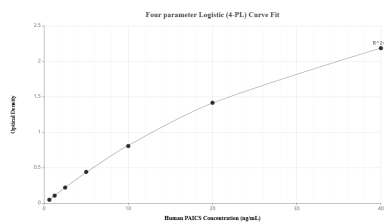
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

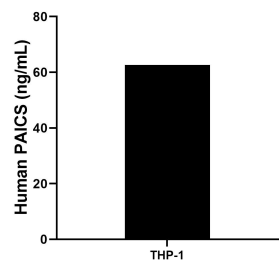
Storage

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 MP02343-2, Human PAICS Recombinant Matched Antibody Pair - PBS only. 86255-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag3621. 86255-4-PBS was HRP conjugated as the detection antibody. Range: 0.625-40 ng/mL



The mean PAICS concentration was determined to be 62.65 ng/mL in THP-1 cell extract based on a 1.2 mg/mL extract load.