

ALDH2 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02438-2**

Capture Antibody Information

Catalog Number:
86429-2-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
251287C8
Reactivity:
human
GenBank:
BC002967
Immunogen Catalog Number:
Ag7452

Conjugate:
Unconjugated
Full name:
aldehyde dehydrogenase 2 family (mitochondrial)
Gene ID:
217

Detection Antibody Information

Catalog Number:
86429-4-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
251287A12
Reactivity:
human
GenBank:
BC002967
Immunogen Catalog Number:
Ag7452

Conjugate:
Unconjugated
Full name:
aldehyde dehydrogenase 2 family (mitochondrial)
Gene ID:
217

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

MP02438-2 targets ALDH2 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: ALDH2 Recombinant antibody, PBS Only (Capture) 86429-2-PBS (251287C8). 100 µg. Concentration 1 mg/mL.

Detection antibody: ALDH2 Recombinant antibody, PBS Only (Detector) 86429-4-PBS (251287A12). 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.

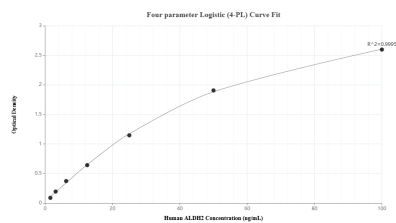
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

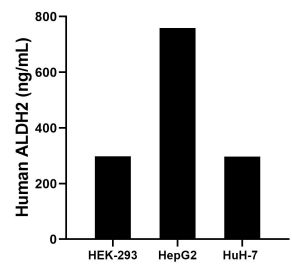
Storage

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 MP02438-2, Human ALDH2 Recombinant Matched Antibody Pair - PBS only. 86429-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag7452. 86429-4-PBS was HRP conjugated as the detection antibody. Range: 1.56-100 ng/mL



The mean ALDH2 concentration was determined to be 298.21 ng/mL in HEK-293 cell extract based on a 1.2 mg/mL extract load, 758.97 ng/mL in HepG2 cell extract based on a 1.2 mg/mL extract load and 296.77 ng/mL in HuH-7 cell extract based on a 1.2 mg/mL extract load.