For Research Use Only

ALDH2 Recombinant antibody, PBS Only (Detector)

Catalog Number:86429-4-PBS

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
86429-4-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG7452

GenBank Accession Number:
BC002967

GeneID (NCBI):
217

UNIPROT ID:
P05091

Full Name:
aldehyde dehydrogenase 2 family (mitochondrial)

Calculated MW:
56 kDa

Purification Method:
Protein A purification

CloneNo.:
251287A12

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

86429-4-PBS targets ALDH2 as part of a matched antibody pair:

MP02438-2: 86429-2-PBS capture and 86429-4-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) 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.

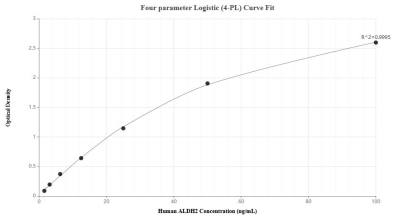
This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications.Antibody use should be optimized by the end user for each application and assay.

Storage

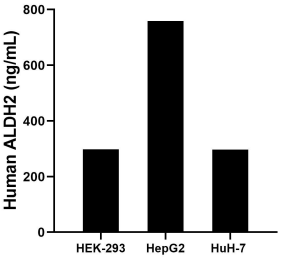
Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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.