For Research Use Only

PYCR1 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number:88989-3-PBS

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Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
88989-3-PBS

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

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG3764

GenBank Accession Number:
BC022244

GeneID (NCBI):
5831

UNIPROT ID:
P32322

Full Name:
pyrroline-5-carboxylate reductase 1

Calculated MW:
319 aa, 33.8 kDa

Purification Method:
Protein A purification

CloneNo.:
261952A3

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

88989-3-PBS targets PYCR1 as part of a matched antibody pair:

MP03754-1: 88989-3-PBS capture and 88989-2-PBS detection (validated in Cytometric bead array)

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.

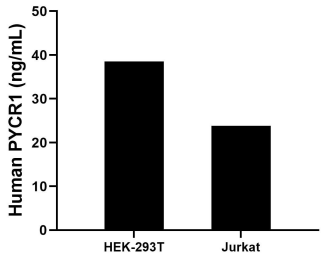
Storage

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

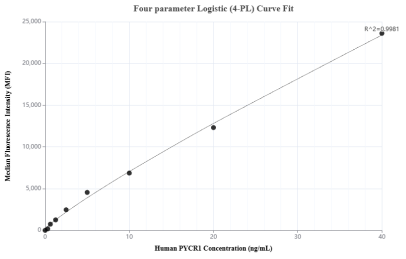
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



The mean PYCR1 concentration was determined to be 38.5 ng/mL in HEK-293T cell extract based on a 1.0 mg/mL extract load, 23.8 ng/mL in Jurkat cell extract based on a 1.0 mg/mL extract load.



Cytometric bead array standard curve of MP03754-1, PYCR1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 88989-3-PBS. Detection antibody: 88989-2-PBS. Standard: Ag3764. Range: 0.312-40 ng/mL.