

For Research Use Only

ACTH Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 82498-3-PBS



Basic Information

Catalog Number:

82498-3-PBS

Size:

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

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC065832

GeneID (NCBI):

5443

UNIPROT ID:

P01189

Full Name:

proopiomelanocortin

Calculated MW:

267 aa, 29 kDa

Purification Method:

Protein A purification

CloneNo.:

250672D6

Applications

Tested Applications:

Sandwich ELISA, Indirect ELISA

Species Specificity:

human

Product Information

82498-3-PBS targets ACTH as part of a matched antibody pair.

MP02726-1: 82498-4-PBS capture and 82498-3-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

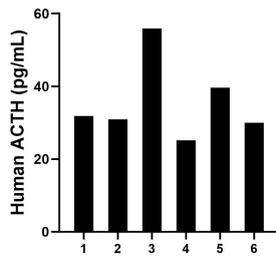
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

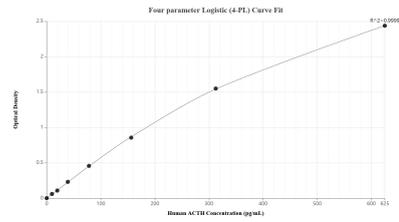
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Plasma of six individual healthy human donors was measured. The ACTH concentration of detected samples was determined to be 35.6 pg/mL with a range of 25.1-55.9 pg/mL.



Sandwich ELISA standard curve of MP02726-1, Human ACTH Recombinant Matched Antibody Pair - PBS only. 82498-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard SY02515. 82498-3-PBS was HRP conjugated as the detection antibody. Range: 9.77-625 pg/mL.