For Research Use Only

Transthyretin Recombinant antibody, PBS Only (Capture)

Catalog Number:86273-3-PBS

proteintech®
Antibodies | ELISA kits | Proteins
Uni-rAb
www.ptglab.com

Basic Information

Catalog Number:
86273-3-PBS

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

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG0931

GenBank Accession Number:
NM_000371.4

GeneID (NCBI):
7276

UNIPROT ID:
P02766

Full Name:
transthyretin

Calculated MW:
16 kDa

Purification Method:
Protein A purification

CloneNo.:
250820G9

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

86273-3-PBS targets Transthyretin as part of a matched antibody pair:

MP02304-2: 86273-3-PBS capture and 86273-1-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.

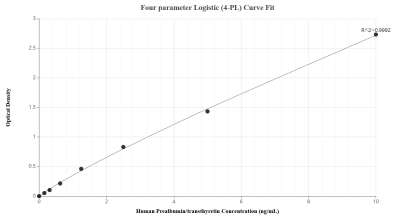
This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications.Antibody use should be optimized by the end user for each application and assay.

Storage

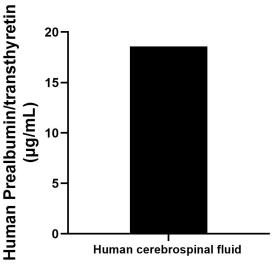
Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

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

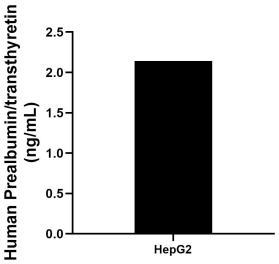
Selected Validation Data



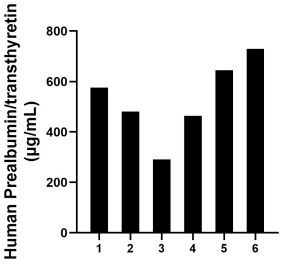
Sandwich ELISA standard curve of MP02304-2, Human Prealbumin/transthyretin Recombinant Matched Antibody Pair - PBS only. 86273-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0931. 86273-1-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL.



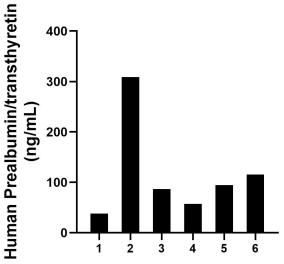
Human cerebrospinal fluid (CSF) samples were evaluated for the presence of human Prealbumin/transthyretin in this assay, and measured 18.57 µg/mL.



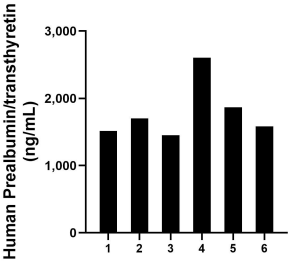
HepG2 cells were cultured in DMEM supplemented with 10% fetal bovine serum. An aliquot of the cell culture supernate was removed, assayed for human Prealbumin/transthyretin, and measured 2.14 ng/mL.



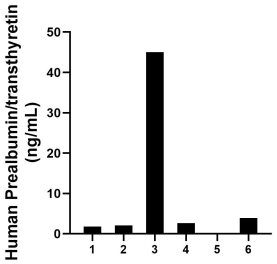
Serum of six individual healthy human donors was measured. The Prealbumin/transthyretin concentration of detected samples was determined to be 531.06 µg/mL with a range of 290.57-729.62 µg/mL.



Saliva of six individual healthy human donors was measured. The Prealbumin/transthyretin concentration of detected samples was determined to be 116.83 ng/mL with a range of 38.22-308.96 ng/mL.



Human milk of six individual healthy human donors was measured. The Prealbumin/transthyretin concentration of detected samples was determined to be 1,786.26 ng/mL with a range of 1,451.02-2,605.42 ng/mL.



Urine of six individual healthy human donors was measured. The Prealbumin/transthyretin concentration of detected samples was determined to be 9.27 ng/mL with a range of 0.09-45.04 ng/mL.