For Research Use Only

PLAU/uPA Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number:87458-4-PBS

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
87458-4-PBS

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

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG7083

GenBank Accession Number:
NM_002658.6

GeneID (NCBI):
5328

UNIPROT ID:
P00749-1

Full Name:
plasminogen activator, urokinase

Calculated MW:
49kDa

Purification Method:
Protein A purification

CloneNo.:
252624G2

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

87458-4-PBS targets PLAU/uPA as part of a matched antibody pair:

MP03048-2: 87458-4-PBS capture and 87458-2-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.

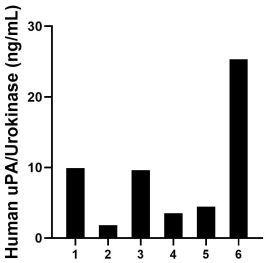
Storage

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

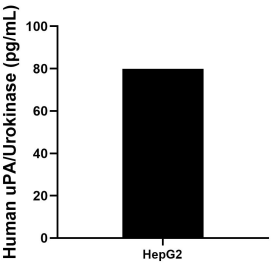
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

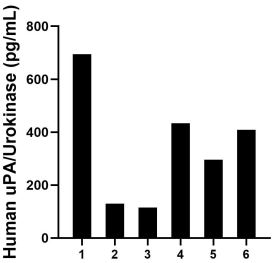
Selected Validation Data



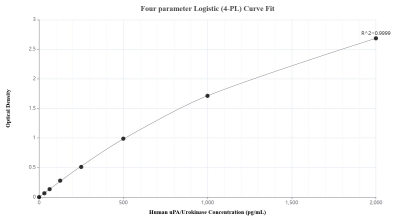
Urine of six individual healthy human donors was measured. The uPA/Urokinase concentration of detected samples was determined to be 9.1 ng/mL with a range of 1.8-25.3 ng/mL.



HepG2 cells were cultured in DMEM supplemented with 10% fetal bovine serum, 2.5 mM L-glutamine, 100 U/mL penicillin, and 100 µg/mL streptomycin sulfate. An aliquot of the cell culture supernate was removed, assayed for human uPA/Urokinase, and measured 79.9 pg/mL.



Plasma of six individual healthy human donors was measured. The uPA/Urokinase concentration of detected samples was determined to be 346.0 pg/mL with a range of 115.6-694.2 pg/mL.



Sandwich ELISA standard curve of MP03048-2, Human uPA/Urokinase Recombinant Matched Antibody Pair - PBS only. 87458-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg7083. 87458-2-PBS was HRP conjugated as the detection antibody. Range: 31.3-2000 pg/mL.