

For Research Use Only

CST1 Recombinant antibody, PBS Only (Capture)

Catalog Number: 85403-4-PBS



Basic Information

| | | |
|--|--|---|
| Catalog Number: 85403-4-PBS | GenBank Accession Number: BC021225 | Purification Method: Protein A purification |
| Size: 100ug, Concentration: 1 mg/ml by Nanodrop; | GeneID (NCBI): 1469 | CloneNo.: 242888G4 |
| Source: Rabbit | UNIPROT ID: P01037 | |
| Isotype: IgG | Full Name: cystatin SN | |
| Immunogen Catalog Number: AG8862 | Calculated MW: 141 aa, 16 kDa | |

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

85403-4-PBS targets CST1 as part of a matched antibody pair:

MP01926-3: 85403-4-PBS capture and 85403-1-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

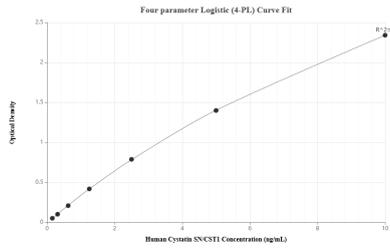
For technical support and original validation data for this product please contact:

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

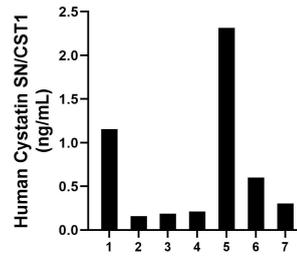
E: proteintech@ptglab.com
W: ptglab.com

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

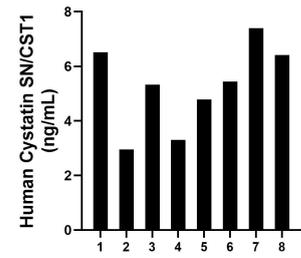
Selected Validation Data



Sandwich ELISA standard curve of MP01926-3, Human Cystatin SN/CST1 Recombinant Matched Antibody Pair - PBS only. 85403-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag8862. 85403-1-PBS was HRP conjugated as the detection antibody. Range: 1.56-10 ng/mL



Urine of seven individual healthy human donors was measured. The human Cystatin SN/CST1 concentration of detected samples was determined to be 0.70 ng/mL with a range of 0.16 - 2.31 ng/mL



Serum of eight individual healthy human donors was measured. The human Cystatin SN/CST1 concentration of detected samples was determined to be 5.27 ng/mL with a range of 2.95 - 7.40 ng/mL