

For Research Use Only

Securin Recombinant antibody, PBS Only (Capture)

Catalog Number:83981-5-PBS



Basic Information

Catalog Number: 83981-5-PBS	GenBank Accession Number: BC101834	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 9232	CloneNo.: 241090A7
Source: Rabbit	UNIPROT ID: O95997	
Isotype: IgG	Full Name: pituitary tumor-transforming 1	
Immunogen Catalog Number: AG12670	Calculated MW: 202 aa, 22 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

83981-5-PBS targets Securin as part of a matched antibody pair:

MP00876-4: 83981-5-PBS capture and 83981-6-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

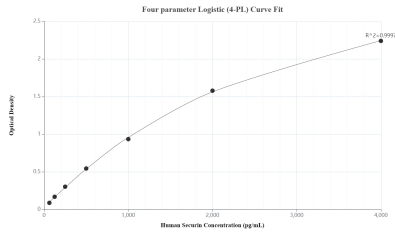
For technical support and original validation data for this product please contact:

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

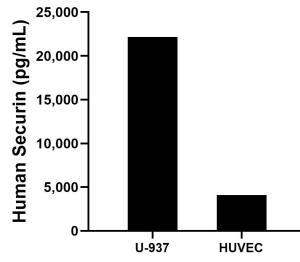
E: proteintech@ptglab.com
W: ptglab.com

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

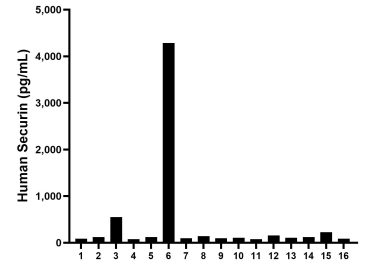
Selected Validation Data



Sandwich ELISA standard curve of MP00876-4, Human Securin Recombinant Matched Antibody Pair - PBS only. 83981-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag12670. 83981-6-PBS was HRP conjugated as the detection antibody. Range: 62.5-4000 pg/mL.



The mean Securin concentration was determined to be 22,150.8 pg/mL in U-937 cell extract based on a 2.9 mg/mL extract load and 4,105.9 ng/mL in HUVEC cell extract based on a 0.9 mg/mL extract load.



Serum of sixteen individual healthy human donors was measured. The Securin concentration of detected samples was determined to be 404.1 pg/mL with a range of 78.1-4,286.0 pg/mL.