

For Research Use Only

Involucrin Recombinant antibody, PBS Only (Detector)

Catalog Number: 83649-3-PBS



Basic Information

Catalog Number: 83649-3-PBS	GenBank Accession Number: NM_005547	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 3713	CloneNo.: 240566F12
Source: Rabbit	UNIPROT ID: P07476	
Isotype: IgG	Full Name: involucrin	
Immunogen Catalog Number: AG29585	Calculated MW: 68 kDa	

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

83649-3-PBS targets Involucrin as part of a matched antibody pair:

MP00618-1: 83649-2-PBS capture and 83649-3-PBS detection (validated in Cytometric bead array, Sandwich ELISA)

MP00618-2: 83649-4-PBS capture and 83649-3-PBS detection (validated in Cytometric bead array)

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

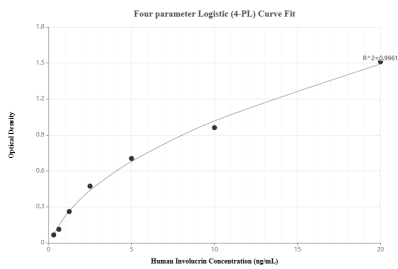
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

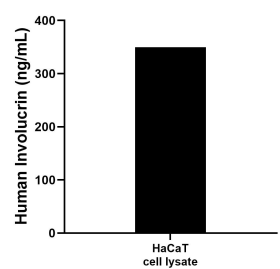
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

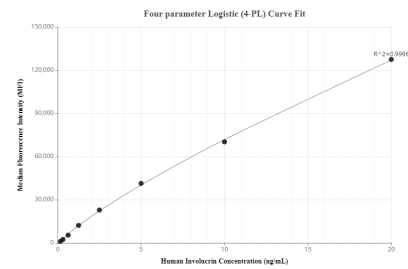
Selected Validation Data



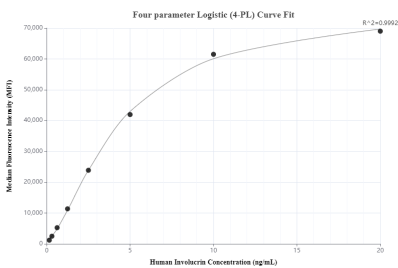
Sandwich ELISA standard curve of MP00618-1, Human Involucrin Recombinant Matched Antibody Pair - PBS only. 83649-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag29585. 83649-3-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL



HaCaT cell lysate were measured. The human Involucrin concentration was determined to be 349.9 ng/mL in HaCaT cell lysate (based on a 2.5 mg/mL extract load).



Cytometric bead array standard curve of MP00618-1, Involucrin Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83649-2-PBS. Detection antibody: 83649-3-PBS. Standard: Ag29585. Range: 0.156-20 ng/mL



Cytometric bead array standard curve of MP00618-2, Involucrin Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83649-4-PBS. Detection antibody: 83649-3-PBS. Standard: Ag29585. Range: 0.156-20 ng/mL