

For Research Use Only

SP-D/SFTPD Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 86416-4-PBS



Basic Information

Catalog Number: 86416-4-PBS	GenBank Accession Number: NM_003019.5	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 6441	CloneNo.: 250947A5
Source: Rabbit	UNIPROT ID: P35247	
Isotype: IgG	Full Name: surfactant protein D	
Immunogen Catalog Number: EG4996	Calculated MW: 38 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

86416-4-PBS targets SP-D/SFTPD as part of a matched antibody pair:

MP02661-1: 86416-4-PBS capture and 86416-3-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.

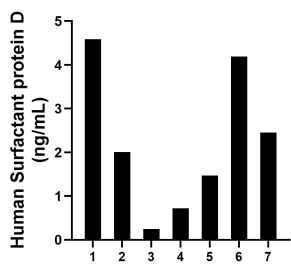
Storage

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

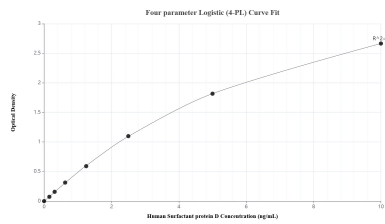
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Plasma of seven individual healthy human donors was measured. The Surfactant protein D concentration of detected samples was determined to be 2.24 ng/mL with a range of 0.25-4.59 ng/mL.



Sandwich ELISA standard curve of MP02661-1, Human Surfactant protein D Recombinant Matched Antibody Pair - PBS only. 86416-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg4996. 86416-3-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL.