

For Research Use Only

Surfactant Protein A Recombinant monoclonal antibody, PBS Only

Catalog Number: 86322-1-PBS



Basic Information

Catalog Number: 86322-1-PBS	GenBank Accession Number: BC026229	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 653509	CloneNo.: 250912G10
Source: Rabbit	UNIPROT ID: Q8IWL2	
Isotype: IgG	Full Name: surfactant protein A1	
Immunogen Catalog Number: AG2417	Calculated MW: 248 aa, 26 kDa	

Applications

Tested Applications:
IHC, IF-P, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

Surfactant protein A (SP-A), is the major protein component of pulmonary surfactant involved in surfactant-related function or structure and in the regulation of inflammatory processes and innate host defenses. In humans and primates, SP-A1 (SFTPA1) and SP-A2 (SFTPA2) genes encode SP-A, and these two SP-A genes have high homology (PMID: 34484180, PMID: 19392648). This antibody can recognize both SP-A1 (SFTPA1) and SP-A2 (SFTPA2).

Storage

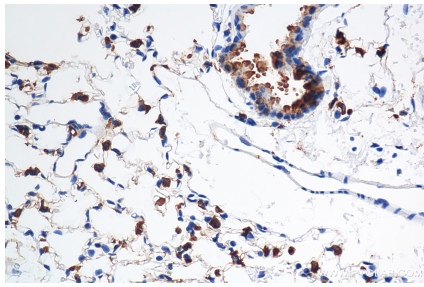
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

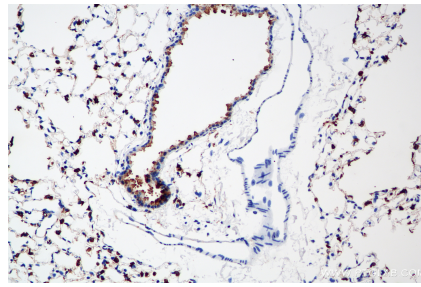
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

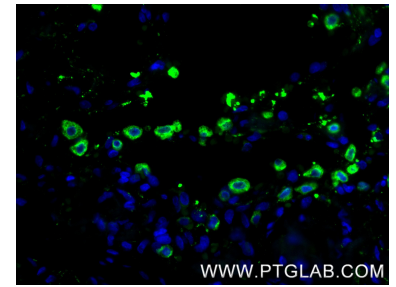
Selected Validation Data



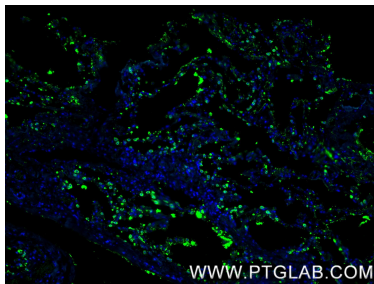
Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 86322-1-RR (Surfactant Protein A antibody) at dilution of 1:8000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 86322-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 86322-1-RR (Surfactant Protein A antibody) at dilution of 1:8000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 86322-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded human lung tissue using Surfactant Protein A antibody (86322-1-RR, Clone: 250912G10) at dilution of 1:1000 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 86322-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded human lung tissue using Surfactant Protein A antibody (86322-1-RR, Clone: 250912G10) at dilution of 1:1000 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 86322-1-PBS in a different storage buffer formulation.