

For Research Use Only

Surfactant Protein A Recombinant monoclonal antibody, PBS Only

Catalog Number: 86322-1-PBS



Basic Information

Catalog Number:

86322-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2417

GenBank Accession Number:

BC026229

GeneID (NCBI):

653509

UNIPROT ID:

Q8IWL2

Full Name:

surfactant protein A1

Calculated MW:

248 aa, 26 kDa

Purification Method:

Protein A purification

CloneNo.:

250912G10

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.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

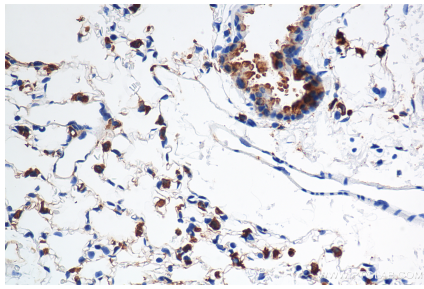
T: 4006900926

E: Proteintech-CN@ptglab.com

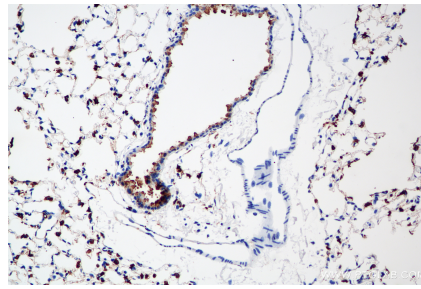
W: ptgcn.com

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

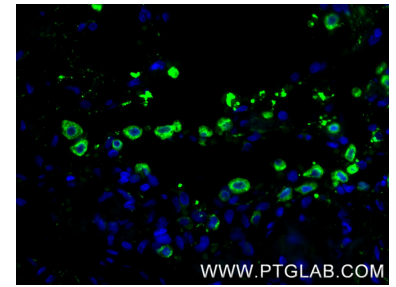
Selected Validation Data



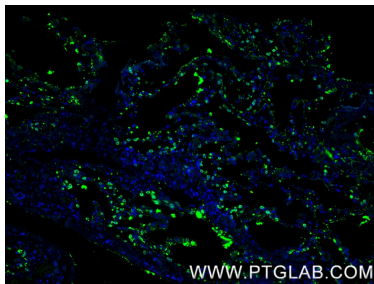
Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 86322-1-RR (Surfactant Protein A antibody) at dilution of 1:8000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 86322-1-PBS in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