

Surfactant protein D Recombinant antibody

Cat:B36199S

Company: HaoKebio

Uniprot ID:P50404

Applications: IHC:1:400-1:1600

Organism:Rabbit

IHC-Polymer:1:1600-1:6400

Species reactivity:Mouse Rat

IHC-TSA:1:2000-1:8000

Molecular Weight Calculation: 38 kDa

IF:1:50

Observed Molecular Weight: 40 kDa

WB:1:5000-1:50000

IP:1ug for 1mg of total protein lysate

Background:

Surfactant protein D (SP-D) is a pattern recognition molecule of the collectin family of C-type lectins, which consist of four structural domains: a cysteine-rich N-terminal domain, a collagen-like region, an alpha-helical coiled-coil neck domain and a C-terminal lectin or carbohydrate-recognition domain. SP-D is primarily expressed and secreted by type II alveolar cells. It plays a central role in the pulmonary host defence and the modulation of allergic responses.

Synonyms:

Lung surfactant protein D, PSP-D, Pulmonary surfactant-associated protein D, Sftp4, Sftpd

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Cytoplasm

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

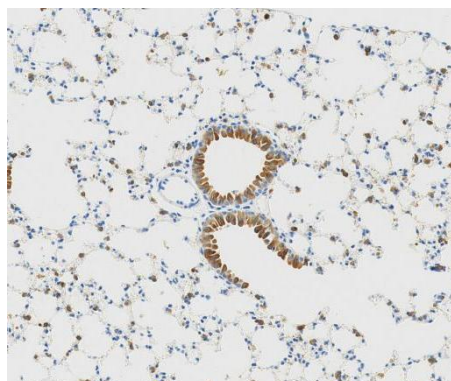
Storage:

Store at -20 °C for one year.

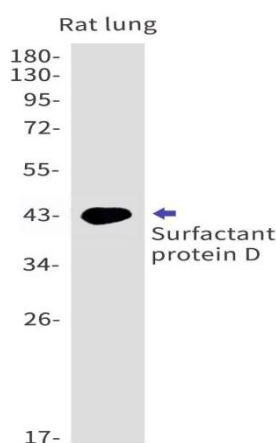
Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Mouse lung, 4% PFA 12-24h



Dilution of 1:50000 incubated at room temperature for 1.5 hours.

Source of Reagents:

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