

Recombinant SFTPA1+SFTPA2 Monoclonal Antibody

catalog number: **AN301822L**

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

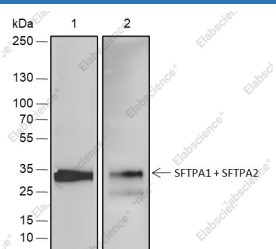
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant human SFTPA1 + SFTPA2 fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C121444
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

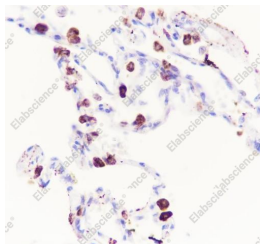
WB	1:1000-1:3000
IHC	1:200-1:1000

Data

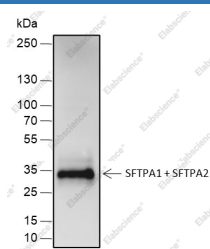


Western Blot with SFTPA1+SFTPA2 Monoclonal Antibody at dilution of 1:1000. Lane 1: Human lung, Lane 2: Rat lung

Observed-MW:27 kDa
Calculated-MW:27 kDa



Immunohistochemistry of paraffin-embedded Human lung using SFTPA1+SFTPA2 Monoclonal Antibody at dilution of 1:1000.



Western Blot with SFTPA1+SFTPA2 Monoclonal Antibody at dilution of 1:3000. Lane 1: Mouse lung

Observed-MW:27 kDa
Calculated-MW:27 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

For Research Use Only

Toll-free: 1-888-852-8623
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Rev. V1.3

Human SP-A is expressed in alveolar epithelial type II cells and in tracheal and bronchial submucosal gland cells in lung as well as in other tissues. SFTP A1 (SP-A1) and SFTP A2 (SP-A2) are expressed in the type II cells; SP-A2 is expressed in human tracheal and bronchial submucosal gland cells. The presence of SP-A in non-ciliated bronchiolar epithelial cells has been inconsistent for human lungs, but consistent positive staining of SP-A has been observed in the non-ciliated bronchiolar epithelial cells in rodents.