

SP-B/Surfactant Protein B Rabbit pAb

Catalog # AP96441

Product Information

Application	WB
Primary Accession	P50405
Other Accession	P50405
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41728
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from mouse SP-B
Epitope Specificity	291-377/377
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 saposin A-type domain. Contains 3 saposin B-type domains.
SUBUNIT	Homodimer; disulfide-linked.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Pulmonary surfactant-associated proteins promote alveolar stability by lowering the surface tension at the air-liquid interface in the peripheral air spaces. SP-B increases the collapse pressure of palmitic acid to nearly 70 millinewtons per meter. Homodimer; disulfide-linked. Secreted, extracellular space. Function : Pulmonary surfactant-associated proteins promote alveolar stability by lowering the surface tension at the air-liquid interface in the peripheral air spaces. SP-B increases the collapse pressure of palmitic acid to nearly 70 millinewtons per meter.

Additional Information

Gene ID	20388
Other Names	PSP-B; SFTB3; SFTP3; SMDP1; SP-B; SF-B; Sftp-3; PSPB_BOVIN; SFTPB; 6 kDa protein; Pulmonary surfactant-associated proteolipid SPL(Phe); PSPB_HUMAN; 18 kDa pulmonary-surfactant protein; PSPB_MOUSE; surfactant protein B; surfactant, pulmonary-associated protein B
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	Sftpb
Synonyms	Sftp3
Function	Pulmonary surfactant-associated proteins promote alveolar stability by lowering the surface tension at the air-liquid interface in the peripheral air spaces. SP-B increases the collapse pressure of palmitic acid to nearly 70 millinewtons per meter.
Cellular Location	Secreted, extracellular space, surface film.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.