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SP-B/Surfactant Protein B Rabbit pAb

Catalog # AP96441

Product Information

Application	WB
Primary Accession	P50405
Other Accession	P50405
Reactivity	Rat, Human, Mouse
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'.