

SFTPD Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP13998b**Specification**

SFTPD Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [P35247](#)**SFTPD Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 6441**Other Names**

Pulmonary surfactant-associated protein D, PSP-D, SP-D, Collectin-7, Lung surfactant protein D, SFTPD, COLEC7, PSPD, SFTP4

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13998b was selected from the C-term region of SFTPD. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

SFTPD Antibody (C-term) Blocking peptide - Protein Information**Name** SFTPD**Synonyms** COLEC7, PSPD, SFTP4**Function**

Contributes to the lung's defense against inhaled microorganisms, organic antigens and toxins. Interacts with compounds such as bacterial lipopolysaccharides, oligosaccharides and fatty acids and modulates leukocyte action in immune response. May participate in the extracellular reorganization or turnover of pulmonary surfactant. Binds strongly maltose residues and to a lesser extent other alpha- glucosyl moieties.

Cellular Location

Secreted, extracellular space, extracellular matrix. Secreted, extracellular space, surface film

Tissue Location

Expressed in lung, brain, pancreas and adipose tissue (mainly mature adipocytes).

SFTPD Antibody (C-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

SFTPD Antibody (C-term) Blocking peptide - Images

SFTPD Antibody (C-term) Blocking peptide - Background

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SFTPD Antibody (C-term) Blocking peptide - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)Hartshorn, K.L., et al. Am. J. Physiol. Lung Cell Mol. Physiol. 299 (3), L384-L392 (2010) :de Wit, E., et al. Mamm. Genome (2010) In press :Paantjens, A.W., et al. Transplantation 90(3):340-342(2010)Barlo, N.P., et al. Sarcoidosis Vasc Diffuse Lung Dis 26(2):155-161(2009)