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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

SFTPC monoclonal antibody (MA01), clone 4A10 (APC)

Catalog Number: H00006440-MA01

Regulation Status: For research use only (RUO)

Product Description: APC conjugated mouse monoclonal antibody raised against a full-length recombinant SFTPC.

Clone Name: 4A10

Immunogen: SFTPC (AAH05913, 1 a.a. ~ 197 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

MDVGSKEVLMESPPDYSAAPRGRFGIPRCPVHLKRLLI
VVVVVVLIVVVIVGALLMGLHMSQKHTMVLEMSIGAP
EAQQRLALSEHLVTTATFSIGSTGLVVYDYQQLLIAYKP
APGTCCYIMKIAPESIPSLEALNRKVHNFQMECSLQAK
PAVPTSKLGQAEGRDAGSAPSGGDP AFLGMAVNTLC
GEVPLYYI

Host: Mouse

Interspecies Antigen Sequence: Mouse (78); Rat (77)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product
page for detailed protocols

Conjugation: APC

Isotype: IgG2a Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to
avoid repeated freezing and thawing.

Entrez GeneID: 6440

Gene Symbol: SFTPC

Gene Alias: PSP-C, SFTP2, SMDP2, SP-C

Gene Summary: The SFTPC gene encodes pulmonary-
associated surfactant protein C (SPC), an extremely

hydrophobic surfactant protein essential for lung function and homeostasis after birth. It is produced exclusively by type II alveolar epithelial cells in the lung. Pulmonary surfactant is a lipid-rich material that prevents lung collapse by lowering surface tension at the air-liquid interface in the alveoli of lung. Surfactant is composed of phospholipids and other surfactant-associated proteins (Clark and Clark, 2005 [PubMed 15927881]). See also SFTPA1 (MIM 178630), SFTPB (MIM 178640), and SFTPD (MIM 178635).[supplied by OMIM]