

Product Datasheet

Prosurfactant Protein C Antibody (4A10) - Azide and BSA Free H00006440-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00006440-M01

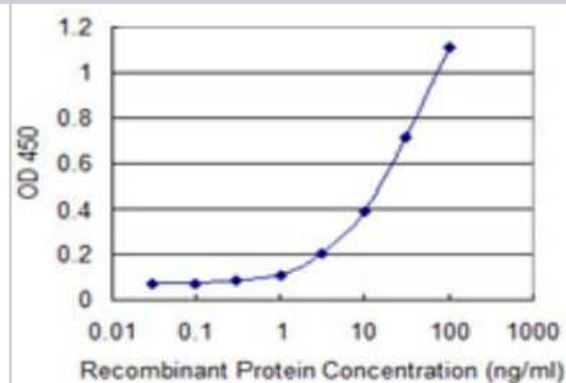
Prosurfactant Protein C Antibody (4A10) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4A10
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	6440
Gene Symbol	SFTPC
Species	Human, Mouse
Specificity/Sensitivity	SFTPC - surfactant, pulmonary-associated protein C (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. MDVGSKEVLMESPPDYSAAPRGRFGIPRCPVHLKRLIVVVVVVLIVVVIVGALL MGLHMSQKHTEMLVLEMSIGAPEAQQRLALSEHLVTTATFSIGSTGLVVYDYQQ LLIAYKPAPGTCCYIMKIAPEIPSLEALNRKVHNFQMECSLQAKPAVPTSKLGQ AEGRDAGSAPSGGDPAFLGMAVNTLCGEVPLYI
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Sandwich ELISA
Recommended Dilutions	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Sandwich ELISA
Application Notes	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB. GST tag alone is used as a negative control.



Images

Sandwich ELISA: Prosurfactant Protein C Antibody (4A10) [H00006440-M01] - Detection limit for recombinant GST tagged SFTPC is 0.3 ng/ml as a capture antibody.



Publications

Maeda, R;Seki, N;Uwamino, Y;Wakui, M;Nakagama, Y;Kido, Y;Sasai, M;Taira, S;Torii, N;Yamamoto, M;Matsuura, Y;Uchiyama, J;Yamaguchi, G;Hirakawa, M;Kim, YG;Mishima, M;Yanagita, M;Suematsu, M;Sugiura, Y; Amino acid catabolite markers for early prognostication of pneumonia in patients with COVID-19 Nature communications 2023-12-20 [PMID: 38123556]

Sugiura Y, Maeda R, Seki N et al. Amino acid catabolite markers for early prognostication of pneumonia in patients with COVID-19 Research Square 2023-07-11 (IHC-Fr, Human)

Wong AP, Keating A, Lu WY et al. Identification of a bone marrow-derived epithelial-like population capable of repopulating injured mouse airway epithelium. J Clin Invest;119(2):336-48. doi: 10.1172/JCI36882. 2009-02-01 [PMID: 19164856]



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Products Related to H00006440-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
H00006440-P01-10ug	Recombinant Human Prosurfactant Protein C GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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