

Product Datasheet

SP-D Antibody (1.7) [Alexa Fluor® 750] NBP1-41050AF750

Unit Size: 0.125 ml

Store at 4C in the dark.

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-41050AF750

Updated 8/21/2024 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP1-41050AF750



NBP1-41050AF750

SP-D Antibody (1.7) [Alexa Fluor® 750]

Product Information	
Unit Size	0.125 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	1.7
Preservative	0.05% Sodium Azide
Isotype	IgG1
Conjugate	Alexa Fluor 750
Purity	Protein G purified
Buffer	50mM Sodium Borate
Product Description	
Host	Mouse
Gene ID	6441
Gene Symbol	SFTPD
Species	Porcine
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 26092997).
Specificity/Sensitivity	This antibody detects porcine surfactant protein D (pSP-D), a 138kD member of the collectin family of proteins. Surfactant protein D is thought to play a significant role in the innate immune response against microorganisms within the lungs and at other mucosal surfaces. SP-D is a multifunctional protein which binds selectively to saccharides and lipids on microbial surfaces promoting antimicrobial responses and regulating surfactant lipid homeostasis. SP-D expression is induced in lung surfactant in response to aerogenous bacterial infection, and upon binding to bacteria, promotes phagocytosis and antigen presentation by dendritic cells. Recent studies suggest that pSP-D could serve as a serum biomarker specific for bronchopneumonia in pigs.
Immunogen	Purified porcine surfactant protein D



Notes	<p>Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.</p>
--------------	--

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen
Application Notes	Optimal dilution of this antibody should be experimentally determined.



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-41050AF750

NBP1-97005AF750	Mouse IgG1 Isotype Control (MG1) [Alexa Fluor® 750]
NBP2-51743-0.1mg	Recombinant Human SP-D His Protein
210-TA-005	TNF-alpha [Unconjugated]
DSFPD0	SP-D [HRP]

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP1-41050AF750

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

