

Product Datasheet

SP-D Antibody (1.7) [PE] NBP1-41050PE

Unit Size: 0.125 ml

Store at 4C in the dark.

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NBP1-41050PE

SP-D Antibody (1.7) [PE]

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	PE
Purity	Protein G purified
Buffer	PBS
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	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.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen



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Products Related to NBP1-41050PE

NBP1-97005PE	Mouse IgG1 Isotype Control (MG1) [PE]
NBP1-41050UV	SP-D Antibody (1.7) [DyLight 350]
NBP2-51743-0.1mg	Recombinant Human SP-D His Protein
210-TA-005	TNF-alpha [Unconjugated]

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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