Pulmonary Surfactant-Associated Protein D (SFTPD) Antibody

Mouse Monoclonal Antibody [Clone SFTPD/4365]

Catalog No	Format	Size
6441-MSM5-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
6441-MSM5-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
6441-MSM5-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

Clone	SFTPD/4365
Immunogen	Recombinant fragment (around aa241-336) of human SFTPD protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	37.73kDa
Cellular Localization	Extracellular matrix, Extracellular space, Secreted, Surface film
Species Reactivity	Human
Positive Control	Expressed in lung, brain, pancreas and adipose tissue (mainly mature adipocytes)

**Optimal dilution for a specific application should be determined.*

Product Images for Pulmonary Surfactant-Associated Protein D (SFTPD) Antibody

Specificity & Comments

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.

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.