

Rabbit Surfactant Protein C Polyclonal Antibody | anti-SFTPC antibody

Anti-Surfactant Protein C Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA263485	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Surfactant Protein C; Polyclonal Antibody; Anti-Surfactant Protein C Antibody; SFTP2; Pulmonary surfactant-associated protein C; SP-C; Pulmonary surfactant-associated proteolipid SPL(Val); SP5; anti-SFTPC antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Surfactant Protein C protein.
Purity/Purification	Purified by immunogen affinity chromatography
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	191
Applicable Applications for anti-SFTPC antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant full length protein of human Surfactant Protein C
Preparation and Storage	Upon delivery, aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of Surfactant Protein C staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of Surfactant Protein C staining in human lung formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of Surfactant Protein C expression in Jurkat (A), Raji (B) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-SFTPC antibody	Rabbit polyclonal antibody to Surfactant Protein C
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NCBI AND UNIPROT INFORMATION

NCBI GI #	288915543
NCBI GeneID	6440
NCBI Accession #	NP_001165828.1
NCBI GenBank Nucleotide #	NM_001172357.1
UniProt Accession #	P11686; P11687; Q12793; Q7Z5D0; A6XNE4; B2RE00; E9PGX3
NCBI Official Full Name	pulmonary surfactant-associated protein C isoform 2
NCBI Official Synonym Full Names	surfactant protein C
NCBI Official Symbol	SFTPC
NCBI Official Synonym Symbols	SP-C; PSP-C; SFTP2; SMDP2; BRICD6
NCBI Protein Information	pulmonary surfactant-associated protein C
UniProt Protein Name	Pulmonary surfactant-associated protein C
UniProt Gene Name	SFTPC
UniProt Synonym Gene Names	SFTP2; SP-C

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.