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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB11380 - Goat Anti-SFTPA1 / SFTPA2 (aa102-115) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: 35 kDa pulmonary surfactant-associated protein, alveolar proteinosis protein, COLEC4, collectin-4, FLJ50593, FLJ51913, FLJ61144, FLJ77898, FLJ79095, FLJ99559, MGC133365, MGC198590, OTTHUMP00000019928, OTTHUMP00000019929, OTTHUMP00000019930, OTTHUMP00000019931, PSAP, PSPA, PSP-A, pulmonary surfactant-associated protein A1, SFTP1, SFTPA1B, SPA, SP-A, SPA1, SP-A1, surfactant protein A1, surfactant protein A1 variant AB'D' 6A2, surfactant protein A1 variant AB'D' 6A3, surfactant protein A1 variant AB'D' 6A4, surfactant protein A1 variant ACD' 6A2, surfactant protein A1 variant ACD' 6A3, surfactant protein A1 variant ACD' 6A4, surfactant protein A1 variant AD' 6A, surfactant protein A1 variant AD' 6A2, surfactant protein A1 variant AD' 6A3, surfactant protein A1 variant AD' 6A4, surfactant protein A1B, surfactant, pulmonary-associated protein A1A, surfactant, pulmonary-associated protein A1B, SFTPA1

Official Symbol: SFTPA1

Accession Number(s): NP_005402.3; NP_001087239.2; NP_001158117.1; NP_001158118.1; NP_001092138.1

Human GeneID(s): [653509](#) , [729238](#)

Important Comments: This antibody is expected to recognize all the reported isoforms of A1 (NP_005402.3; NP_001087239.2; NP_001158117.1; NP_001158118.1) and A2 (NP_001092138.1). Reported variants represent identical protein: NP_001158116.1, NP_005402.3, NP_001158119.1

Immunogen

Peptide with sequence C-HLDEELQATLHDFR, from the internal region of the protein sequence according to NP_005402.3; NP_001087239.2; NP_001158117.1; NP_001158118.1; NP_001092138.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.

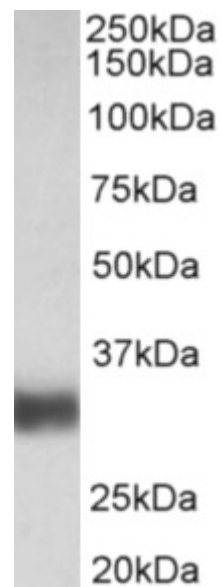
Western blot: Approx 30kDa band observed in Human Lung lysates (calculated MW of 27.7kDa according to NP_001087239.2). Recommended concentration: 0.01-0.03µg/ml.

IHC: Paraffin embedded Human Lung. Recommended concentration: 5µg/ml.

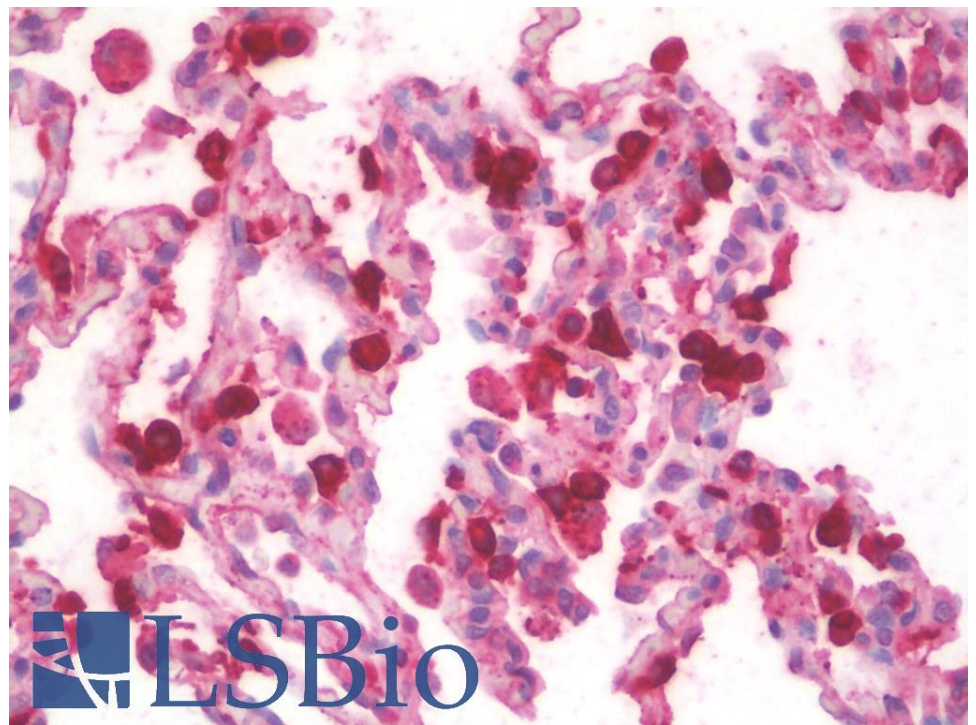
Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Cow



EB11380 (0.01 μ g/ml) staining of Human Lung lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB11380 (5 μ g/ml) staining of paraffin embedded Human Lung. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.