

# Product Datasheet

## Uteroglobin/SCGB1A1 Antibody (JU34-03) NBP2-75705

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-75705**

Uteroglobin/SCGB1A1 Antibody (JU34-03)

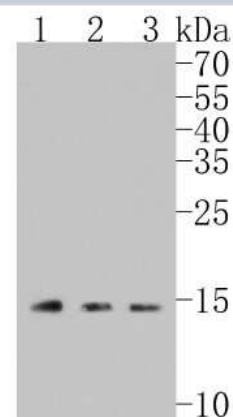
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JU34-03
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol
Target Molecular Weight	10 kDa

Product Description	
Host	Rabbit
Gene ID	7356
Gene Symbol	SCGB1A1
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human Uteroglobin/SCGB1A1 aa 42-91 / 91. (SwissProt: P11684 Human; SwissProt: Q06318 Mouse; SwissProt: P17559 Rat)

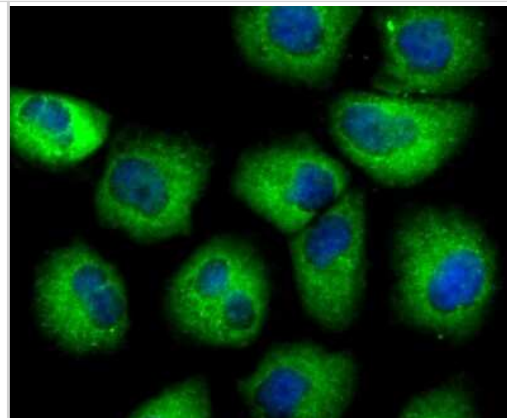
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:1000, Flow Cytometry 1:50-1:100, Immunohistochemistry 1:1,000, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:1,000

**Images**

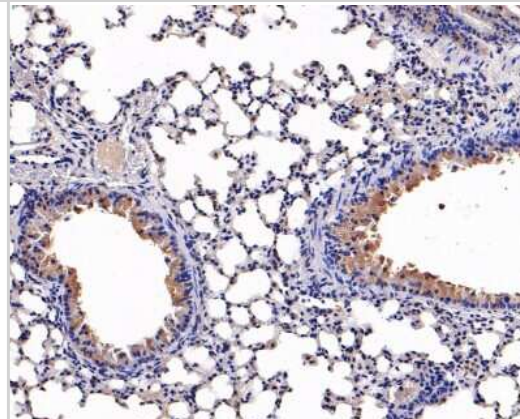
Western Blot: Uteroglobin/SCGB1A1 Antibody (JU34-03) [NBP2-75705]  
 - Western blot analysis of Uteroglobin/SCGB1A1 on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody (HA1001) at 1:5,000 dilution was used for 1 hour at room temperature. Positive control: Lane 1: mouse lung tissue lysate Lane 2: human lung tissue lysate Lane 3: A549 cell lysate



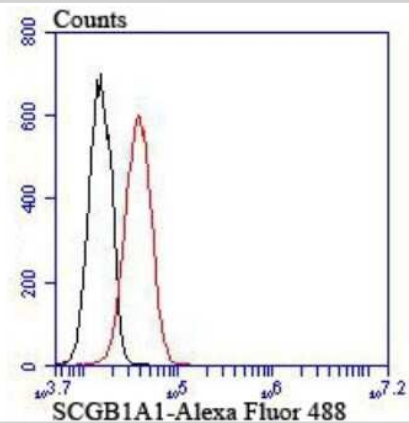
Immunocytochemistry/Immunofluorescence: Uteroglobin/SCGB1A1 Antibody (JU34-03) [NBP2-75705] - Staining SCGB1A1 in HUVEC cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



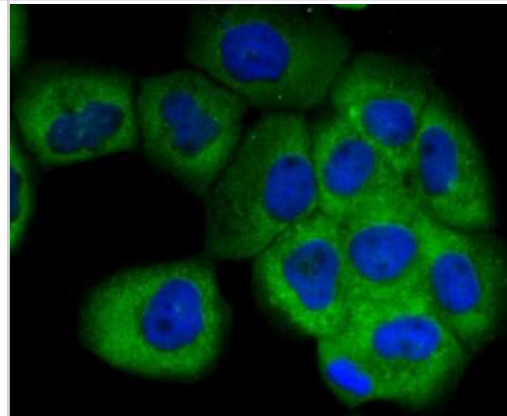
Immunohistochemistry-Paraffin: Uteroglobin/SCGB1A1 Antibody (JU34-03) [NBP2-75705] - Analysis of paraffin-embedded mouse lung tissue with Rabbit anti-SCGB1A1 antibody 000 dilution. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



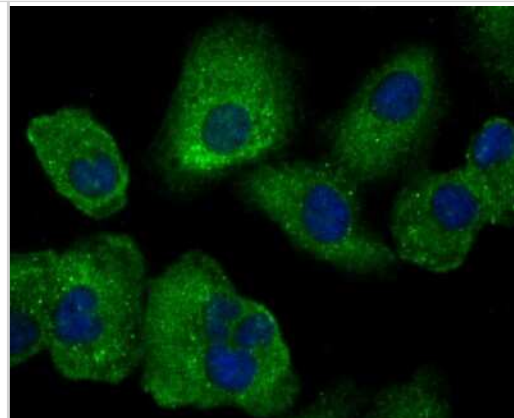
Flow Cytometry: Uteroglobin/SCGB1A1 Antibody (JU34-03) [NBP2-75705] - Analysis of A549 cells with SCGB1A1 antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black).



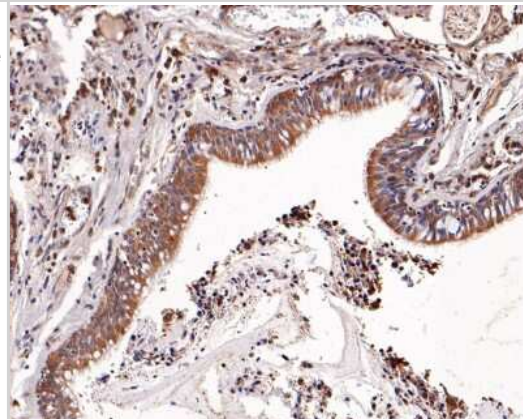
Immunocytochemistry/Immunofluorescence: Uteroglobin/SCGB1A1 Antibody (JU34-03) [NBP2-75705] - Staining SCGB1A1 in A431 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunocytochemistry/Immunofluorescence: Uteroglobin/SCGB1A1 Antibody (JU34-03) [NBP2-75705] - Staining SCGB1A1 in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunohistochemistry-Paraffin: Uteroglobin/SCGB1A1 Antibody (JU34-03) [NBP2-75705] - Analysis of paraffin-embedded human trachea tissue with Rabbit anti-Uteroglobin/SCGB1A1 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.





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NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-35126-10ug	Recombinant Human Uteroglobulin/SCGB1A1 Protein

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### **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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