

SCGB1A1 Antibody

Purified Mouse Monoclonal Antibody

Catalog # AO1772a

Product Information

Application	WB, FC, E
Primary Accession	P11684
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	3A8B8
Isotype	IgG1
Calculated MW	9994
Description	This gene encodes a member of the secretoglobin family of small secreted proteins. The encoded protein has been implicated in numerous functions including anti-inflammation, inhibition of phospholipase A2 and the sequestering of hydrophobic ligands. Defects in this gene are associated with a susceptibility to asthma.
Immunogen	Purified recombinant fragment of human SCGB1A1 (AA: 26-91) expressed in E. Coli.
Formulation	Purified antibody in PBS with 0.05% sodium azide

Additional Information

Gene ID	7356
Other Names	Uteroglobin, Clara cell phospholipid-binding protein, CCPBP, Clara cells 10 kDa secretory protein, CC10, Secretoglobin family 1A member 1, Urinary protein 1, UP-1, UP1, Urine protein 1, SCGB1A1, CC10, CCSP, UGB
Dilution	WB~~1/500 - 1/2000 FC~~1/200 - 1/400 E~~1/10000
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	SCGB1A1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	SCGB1A1
Synonyms	CC10, CCSP, UGB

Function	Binds phosphatidylcholine, phosphatidylinositol, polychlorinated biphenyls (PCB) and weakly progesterone, potent inhibitor of phospholipase A2.
Cellular Location	Secreted.
Tissue Location	Club cells (nonciliated cells of the surface epithelium of the pulmonary airways)

References

1. Transplantation. 2010 Aug 15;90(3):340-2. 2. Neonatology. 2010;97(3):228-34.

Images

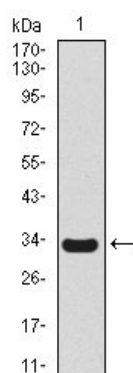


Figure 1: Western blot analysis using SCGB1A1 mAb against human SCGB1A1 recombinant protein. (Expected MW is 33.4 kDa)

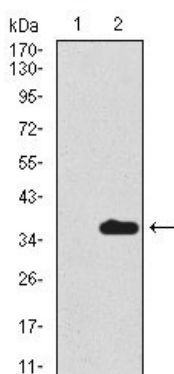


Figure 2: Western blot analysis using SCGB1A1 mAb against HEK293 (1) and SCGB1A1 (AA: 26-91)-hIgGfc transfected HEK293 (2) cell lysate.

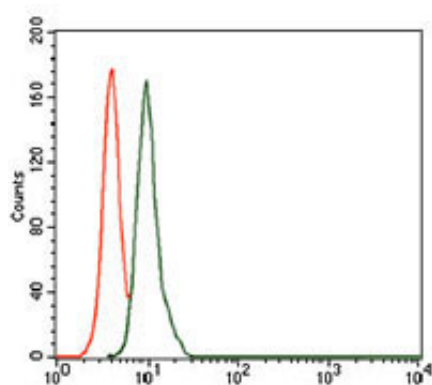


Figure 3: Flow cytometric analysis of A549 cells using SCGB1A1 mouse mAb (green) and negative control (red).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.