

SCGB1A1 Antibody (monoclonal) (M11)

Mouse monoclonal antibody raised against a full-length recombinant SCGB1A1.

Catalog # AT3786a

Product Information

Application	WB, E
Primary Accession	P11684
Other Accession	BC004481
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	1F7
Calculated MW	9994

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
Target/Specificity	SCGB1A1 (AAH04481, 22 a.a. ~ 91 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	SCGB1A1 Antibody (monoclonal) (M11) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

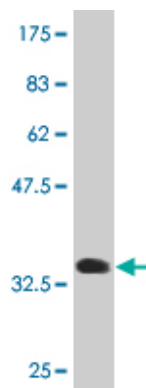
This gene encodes a member of the secretoglobin family of small secreted proteins. The encoded protein has been implicated in numerous functions including anti-inflammation, inhibition of phospholipase A2 and the sequestering of hydrophobic ligands. Defects in this gene are associated with a susceptibility to asthma.

References

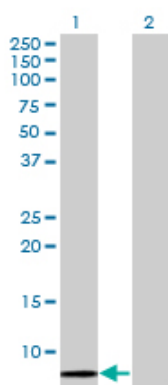
Association of STR polymorphisms in CMA1 and IL-4 with asthma and atopy: The SAPALDIA Cohort.
Hersberger M, et al. Hum Immunol, 2010 Aug 22. PMID 20736038. Clara cell secretory protein and surfactant

protein-D do not predict bronchiolitis obliterans syndrome after lung transplantation. Paantjens AW, et al. Transplantation, 2010 Aug 15. PMID 20683434. An approach based on a genome-wide association study reveals candidate loci for narcolepsy. Shimada M, et al. Hum Genet, 2010 Oct. PMID 20677014. Single nucleotide polymorphisms in inflammation-related genes are associated with venous thromboembolism. Beckers MM, et al. Eur J Intern Med, 2010 Aug. PMID 20603037. Independent predictive roles of eotaxin Ala23Thr, paraoxonase 2 Ser311Cys and beta-adrenergic receptor Trp64Arg polymorphisms on cardiac disease in Type 2 Diabetes--an 8-year prospective cohort analysis of 1297 patients. Wang Y, et al. Diabet Med, 2010 Apr. PMID 20536507.

Images

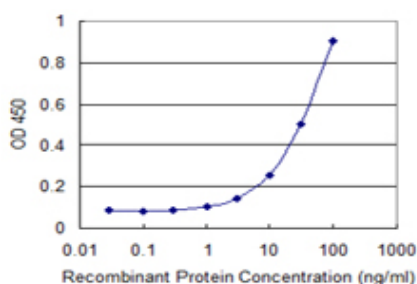


Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (33.44 kDa) .



Western Blot analysis of SCGB1A1 expression in transfected 293T cell line by SCGB1A1 monoclonal antibody (M11), clone 1F7.

Lane 1: SCGB1A1 transfected lysate (10 kDa).
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged SCGB1A1 is 1 ng/ml as a capture antibody.

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