

SCGB1A1/Uteroglobin monoclonal antibody

Catalog: BS65517

Host: Rabbit

Reactivity: Human

BackGround:

Uteroglobin belongs to the family of secretoglobins and is a secreted protein product of nonciliated bronchiolar Clara cells. There is convincing data suggesting it has phospholipase A2 inhibitory activity, as well as, a number of other immunomodulatory features including inhibition of interferon gamma signalling and Th1 vs. Th2 lymphocyte regulation. It was proposed as a potential peripheral marker of respiratory epithelial injury and bronchial dysfunction. Clara Cell Protein 16 concentrations have been determined in both serum and bronchoalveolar lavage fluid in numerous studies since 1994. In serum, its increase is associated with age, asbestos, nitrogen chloride and ozone exposure, sarcoidosis and high PEEP ventilation. Decreased serum CC16 levels are found after pulmonary resection, in silica-exposed workers, smokers and in asthma. Decreased CC16 concentrations were also found in the amniotic fluid of fetuses suffering from pulmonary hypoplasia caused by various mechanisms (diaphragmatic hernia, diabetic fetopathy, Turner and Down syndrome). In pleural effusions, the CC16 concentration appears to be associated with its diffusion from the lung as evidenced by high CC16 levels in cardiac pleural congestion.

Product:

0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Molecular Weight:

~14kDa

Swiss-Prot:

P11684

Purification&Purity:

affinity purified by Protein A

Applications:

WB=1:500-2000

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

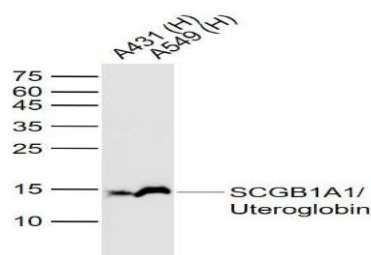
Storage&Stability:

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

Specificity:

SCGB1A1/Uteroglobin monoclonal Antibody detects endogenous levels of SCGB1A1/Uteroglobin protein.

DATA:



Anti-SCGB1A1/Uteroglobin at 1/1000 dilution

Note:

For research use only, not for use in diagnostic procedure.

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