

Uteroglobin Antibody FITC Conjugated

Catalog No: #C03809F

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Description

Product Name	Uteroglobin Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	Ms Rt
Immunogen Description	KLH conjugated synthetic peptide derived from mouse Uteroglobin
Conjugates	FITC
Target Name	Uteroglobin
Other Names	secretoglobin, family 1A, member 1; Scgb1a1; CC10; CC16; CCSP; PCB-BP; UG; UGB; Utg.
Accession No.	NCBI Gene ID22287
Uniprot	Q06318
GeneID	22287;
Excitation Emission	494nm 518nm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

IF=1:50-200

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.

Note: This product is for in vitro research use only