

SCGB1A1 Conjugated Antibody

Catalog No: #C49757



Package Size: #C49757-AF350 100ul #C49757-AF405 100ul #C49757-AF488 100ul
 #C49757-AF555 100ul #C49757-AF594 100ul #C49757-AF647 100ul
 #C49757-AF680 100ul #C49757-AF750 100ul #C49757-Biotin 100ul

Orders: order@signalwayantibody.com
 Support: tech@signalwayantibody.com

Description

Product Name	SCGB1A1 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Blastokinin antibody CC10 antibody CC16 antibody CCPBP antibody CCSP antibody Clara cell phospholipid binding protein antibody Clara cell phospholipid-binding protein antibody Clara cell specific 10 kD protein antibody Clara cells 10 kDa secretory protein antibody OTTHUMP00000236107 antibody SCGB1A1 antibody Secretoglobin family 1A member 1 antibody Secretoglobin, family 1A, member 1 (uteroglobin) antibody UG antibody UGB antibody UP-1 antibody UP1 antibody Urinary protein 1 antibody Urine protein 1 antibody UTER_HUMAN antibody Uteroglobin antibody
Accession No.	Swiss-Prot#:P11684
Uniprot	P11684
GeneID	7356;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	10 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

SCGB1A1 also named CC10. Clara cell 10 (CC10) protein, a homologue of rabbit uteroglobin, is a phospholipase A2 inhibitor. CC10 is regulated by AP-1, octamer, and hepatocyte nuclear factor-3 (HNF-3) family transcription factors. CC10 expression changes in relation to the ovarian menstrual cycle, and expression in human endometrium may be stimulated by progesterone, suggesting that CC10 may regulate eicosanoid levels in the human uterus. CC10 is expressed in nonciliated airway epithelial cells in the lung and in urogenital secretions. CC10 is involved in modulating inflammation in airway passages and may play a role in asthma. Overexpression of CC10 in the non-small cell lung cancer cell line A549 was shown to result in the near absence of MMP-2 and MMP-9 matrix metalloproteinases and a reduction in invasiveness, indicating that loss of CC10 may contribute to carcinogenesis.

Note: This product is for in vitro research use only