

ADCY10 Antibody FITC Conjugated

Catalog No: #C05013F

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Description

Product Name	ADCY10 Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	Flow-Cyt IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 1135-1185 1610 derived from human ADCY10
Conjugates	FITC
Target Name	ADCY10
Other Names	SAC; HCA2; SAC1; Sacy; hsAC; Adenylate cyclase type 10; AH-related protein; Adenylate cyclase homolog; Germ cell soluble adenylyl cyclase; Testicular soluble adenylyl cyclase; ADCY10
Accession No.	Swiss-Prot#Q96PN6NCBI Gene ID55811
Uniprot	Q96PN6
GeneID	55811;
Excitation Emission	494nm 518nm
Cell Localization	Cytoplasm, Cell membrane
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

Flow-Cyt=2ug/Test IF=1:50-200

Background

Soluble adenylyl cyclase that has a critical role in mammalian spermatogenesis. Produces the cAMP which mediates in part the cAMP-responsive nuclear factors indispensable for maturation of sperm in the epididymis. Induces capacitation, the maturational process that sperm undergo prior to fertilization. May be the bicarbonate sensor. Involved in ciliary beat regulation.

Note: This product is for in vitro research use only