

SGLT1 Antibody FITC Conjugated

Catalog No: #C01087F

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Description

Product Name	SGLT1 Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 402-423 665 derived from mouse SGLT1
Conjugates	FITC
Target Name	SGLT1
Other Names	SglT1; Sodium glucose cotransporter 1; Na(+) glucose cotransporter 1; High affinity sodium-glucose cotransporter; Solute carrier family 5 member 1; Slc5a1
Accession No.	Swiss-Prot#Q8C3K6NCBI Gene ID20537
Uniprot	Q8C3K6
GeneID	20537;
Excitation Emission	494nm 518nm
Cell Localization	Cytoplasm
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

Actively transports glucose into cells by Na(+) cotransport with a Na(+) to glucose coupling ratio of 2:1. Efficient substrate transport in mammalian kidney is provided by the concerted action of a low affinity high capacity and a high affinity low capacity Na(+) glucose cotransporter arranged in series along kidney proximal tubules.

Note: This product is for in vitro research use only