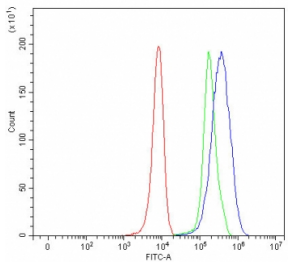
SLC5A4 Antibody / Solute carrier family 5 member 4 (RQ7656)

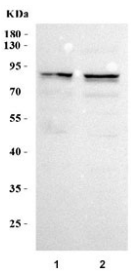
Catalog No.	Formulation	Size
RQ7656	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9NY91
Applications	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells
Limitations	This SLC5A4 antibody is available for research use only.



Flow cytometry testing of human 293T cells with SLC5A4 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= SLC5A4 antibody.



Western blot testing of human 1) SH-SY5Y and 2) 293T cell lysate with SLC5A4 antibody. Predicted molecular weight ~72 kDa but may be observed at higher molecular weights due to glycosylation.

Description

The low affinity sodium-glucose cotransporter also known as the sodium/glucose cotransporter 3 (SGLT3) or solute carrier family 5 member 4 (SLC5A4) is a protein that in humans is encoded by the SLC5A4 gene. Predicted to enable glucose:sodium symporter activity and proton transmembrane transporter activity. Predicted to be involved in sodium ion transport. Predicted to act upstream of or within proton transmembrane transport. Predicted to be active in plasma membrane. Predicted to be integral component of membrane.

Application Notes

Optimal dilution of the SLC5A4 antibody should be determined by the researcher.

Immunogen

Amino acids EDYPEKSRGCLKKAYDLFCGLQK from the human protein were used as the immunogen for the SLC5A4 antibody.

Storage

After reconstitution, the SLC5A4 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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