

DESCRIPTION

Species Reactivity	Human
Specificity	Stains human SLC5A5 transfectants but not irrelevant transfectants in flow cytometry.
Source	Monoclonal Mouse IgG _{2A} Clone # 902320
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	NS0 mouse myeloma cell line transfected with human SLC5A5 Accession # Q92911
Conjugate	Allophycocyanin Excitation Wavelength: 620-650 nm Emission Wavelength: 660-670 nm
Formulation	Supplied in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details. *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

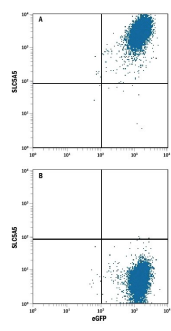
APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

	Recommended Concentration	Sample
Flow Cytometry	10 µL/10 ⁶ cells	See Below

DATA

Flow Cytometry



Detection of SLC5A5 in HEK293 Human Cell Line Transfected with Human SLC5A5 and eGFP by Flow Cytometry. HEK293 human embryonic kidney cell line transfected with (A) human SLC5A5 or (B) irrelevant transfectants and eGFP was stained with Mouse Anti-Human SLC5A5 APC-conjugated Monoclonal Antibody (Catalog # FAB8367A). Quadrant markers were set based on control antibody staining (Catalog # IC003A). View our protocol for [Staining Membrane-associated Proteins](#).

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. <ul style="list-style-type: none"> 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

Solute Carrier, family 5 (sodium iodide symporter), member 5 (SLC5A5) is a multi-pass symporter for sodium/iodide uptake. SLC5A5 is mainly expressed in thyroid follicular cells, and it promotes tumor cell invasiveness.