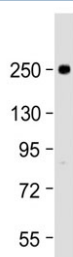


## SCN1A Antibody / Nav1.1 (Center Region) (F54191)

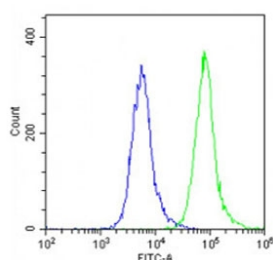
Catalog No.	Formulation	Size
F54191-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F54191-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Predicted Reactivity</b>	Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	P35498
<b>Applications</b>	Western Blot : 1:1000-1:2000 Flow Cytometry : 1:25
<b>Limitations</b>	This SCN1A antibody is available for research use only.



Western blot testing of human U-87 MG cell lysate with SCN1A antibody at 1:2000. Predicted molecular weight ~229 kDa, routinely observed at ~250 kDa.



Flow testing of fixed and permeabilized human U-87 MG cells with SCN1A antibody (green) and isotype control (blue).

## Description

Mediates the voltage-dependent sodium ion permeability of excitable membranes. Assuming opened or closed conformations in response to the voltage difference across the membrane, the protein forms a sodium-selective channel through which Na(+) ions may pass in accordance with their electrochemical gradient.

## Application Notes

The stated application concentrations are suggested starting points. Titration of the SCN1A antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids from human SCN1A was used as the immunogen for the SCN1A antibody.

## Storage

Aliquot the SCN1A antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.