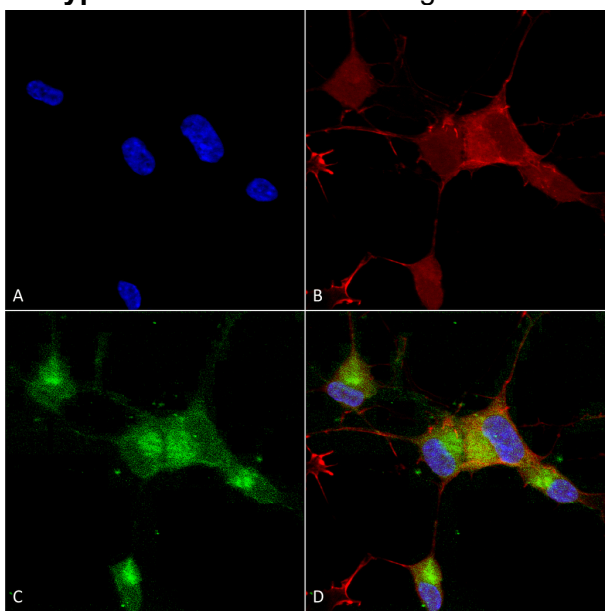
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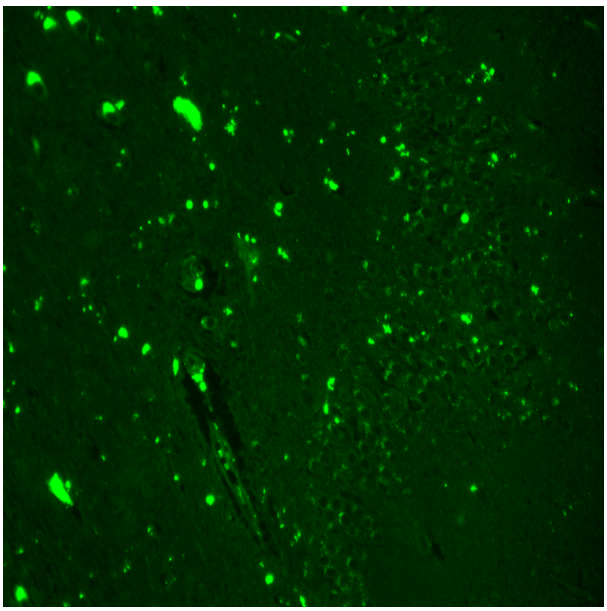
Anti-Nav1.7 Na+ Channel

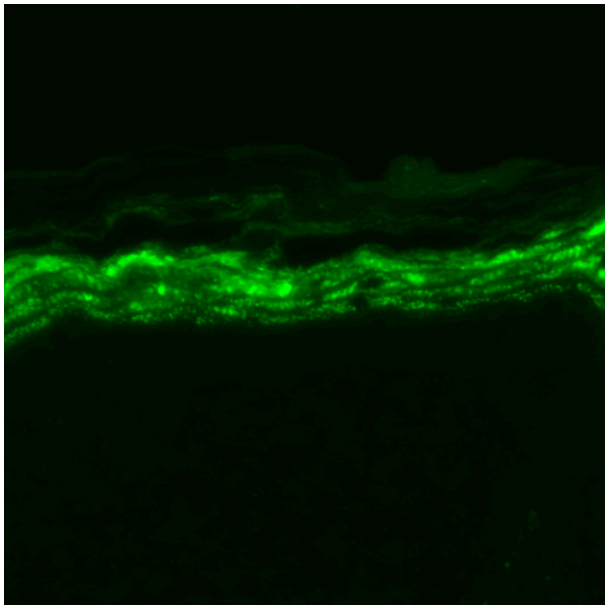
Monoclonal

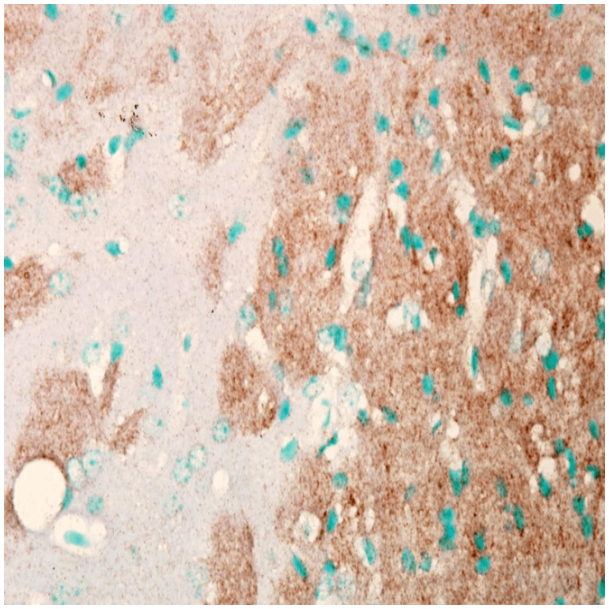
Product Information

Product No.:	11517
Clone:	S68-6
Isotype:	Mouse IgG1









Product Description

Specificity:
This antibody recognizes human, mouse, and rat Nav1.7. It does not cross-react with other Nav channels.

Products are for research use only. Not for use in diagnostic or therapeutic procedures.

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Background:
Ion channels are integral membrane proteins that help establish and control the small voltage gradient across the plasma membrane of living cells by allowing the flow of ions down their electrochemical gradient. Nav1.7 is a voltage-gated sodium channel that plays an important role in the generation and conduction of action potentials making it important for electrical signaling by most excitable cells. Since Nav1.7 is not present in cardiac muscle or neurons in the central nervous system, blockers of Nav1.7 will not directly affect those cells.

Known Reactivity Species:
Human, Mouse, Rat

Format:
Purified

Immunogen:
Fusion protein, aa 1751-1946 (cytoplasmic C-terminus) of human Nav1.7 (accession no. Q15858).

Formulation
PBS, pH 7.4; 50% glycerol, 0.09% sodium azide.

Storage and Stability
This antibody is stable for at least one (1) year at -20°C. **Avoid repeated freeze-thaw cycles.**

Product Preparation
Purified by Protein G affinity chromatography

Applications
Applications and Recommended Usage (Quality Tested By Leinco):

Immunoblotting: use at 1ug/mL

Immunohistochemistry: use at 1ug/mL

These are recommended concentrations.

End user should determine optimal concentrations for their applications.

Country of Origin
USA

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