Anti-SCN9A antibody

Catalog Number: 175025

Product name

Anti-SCN9A antibody

Specificity

Human

Antibody description

Mouse monoclonal antibody to SCN9A

Preparation

This antigen of this antibody was synthetic peptide within human nav1.7 aa 1570-1620 (extracellular).

Formulation

Liquid, 1*PBS (pH7.4), 0.2% BSA, 50% Glycerol. Preservative: 0.05% Sodium Azide.

Storage

Store at +4℃ after thawing. Aliquot store at -20℃ or -80℃. Avoid repeated freeze / thaw cycles.

Clonality

Monoclonal

Ig Type

Mouse IgG2b

Applications

IHC-P, ICC, FC, WB

Dilutions

ICC: 1:50-1:200

IHC-P: 1:50-1:200

FC: 1:50-1:200

WB: 1:500

Validations

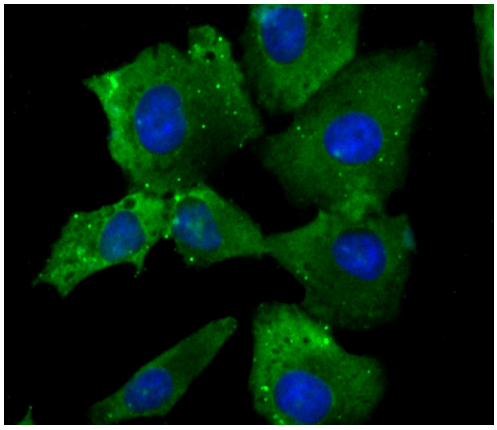


Fig1: ICC staining NaV1.7 (green) in A549 cells. The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

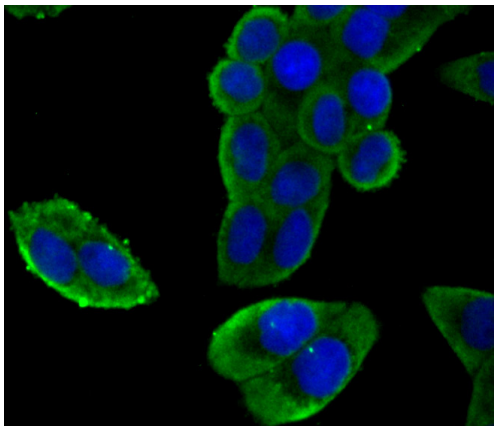


Fig2: ICC staining NaV1.7 (green) in Hela cells. The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

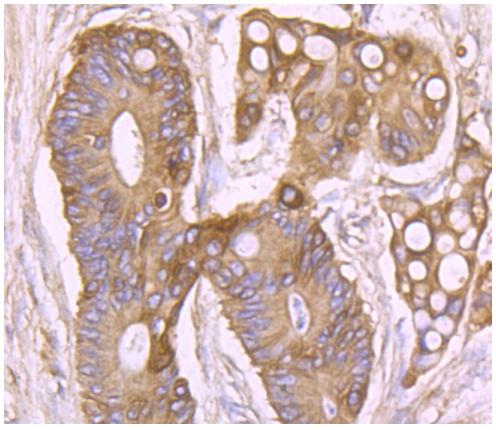


Fig3: Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-NaV1.7 antibody. Counter stained with

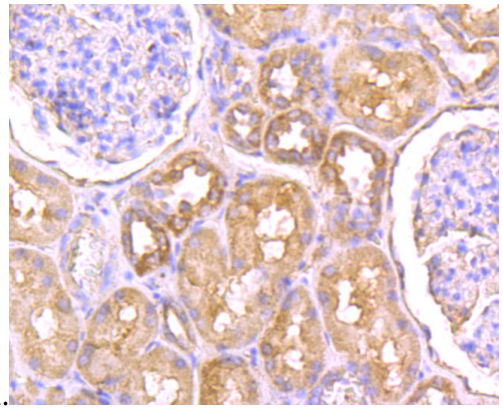
hematoxylin. 

Fig4: Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-NaV1.7 antibody. Counter stained with hematoxylin.

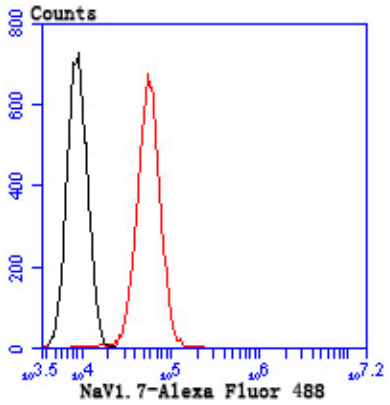


Fig5: Flow cytometric analysis of A549 cells with NaV1.7 antibody at 1/50 dilution (blue) compared with an unlabelled control (cells without incubation with primary antibody; red). Goat anti mouse IgG (FITC) was used as the secondary antibody.