

Product Datasheet

Anti-HCN3 Antibody FL550 Conjugate



Overview

Catalog #	75-175-FL550
Conjugate	FL550 Ex: 550 nm, Em: 575 nm
Isotype	IgG1
Clone Number	N141/28
Size	200 µL
Concentration	0.5 mg/mL
Host Species	Mouse Monoclonal
Format	Purified by Protein A chromatography
Buffer	PBS with 0.09% azide
Applications	ICC, IHC
Species Reactivity	Mouse and Rat
Immunogen	Fusion protein amino acids 660-779 (cytoplasmic C-terminus) of mouse HCN3 (accession number O88705) produced recombinantly in E. Coli
Molecular Weight	90 kDa
Cite this Antibody	Antibodies Inc Cat# 75-175-FL550, RRID: AB_2939645

Details

Target Description	HCN3 is a member of the hyperpolarization-activated cyclic nucleotide gated channel family, also known as pacemaker channels. This family has a role in rhythmic activity of the heart and firing neurons. HCN channels are made up of four subunits, HCN1-4 and can be formed in multiple combinations HCN3 is found in brain, heart, skeletal muscle and lung.
Specificity	No cross-reactivity against other HCN's
Purification Method	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography and conjugation of purified mAb. Purified mAbs are >90% specific antibody.
Quality Control Tests	Each new lot of antibody is quality control tested by western blot on rat whole brain lysate and confirmed to stain the expected molecular weight band.
Storage	Aliquot and store at ≤ -20°C for long term storage. For short term storage, store at 2-8°C. For maximum recovery of product, centrifuge the vial prior to removing the cap.

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