

Product Datasheet

Anti-FGF11/FHF3 Antibody FL550 Conjugate



Overview

Catalog #	75-133-FL550
Conjugate	FL550 Ex: 550 nm, Em: 575 nm
Isotype	IgG2b
Clone Number	N92/14
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
Species Reactivity	Human and Mouse
Immunogen	Fusion protein amino acids 55-216 of human FGF11a (accession number Q92914) produced recombinantly in E. Coli
Molecular Weight	25 kDa
Cite this Antibody	Antibodies Inc Cat# 75-133-FL550, RRID: AB_2939493

Details

Target Description	Fibroblast growth factor 11, FHF3 or FGF11 is encoded by the gene FGF11. FHF3 is a member of the fibroblast growth factor homologous factors family (a subfamily of fibroblast growth factors.). FHF3 have a role in regulation of voltage gated sodium channels (Nav channels) and are thought to be involved in nervous system development. FHF3 is expressed in the Nervous system. Diseases associated with FGF11 include Congenital Myasthenic Syndrome 2A and Congenital Myasthenic Syndrome.
Specificity	Does not cross-react with FGF12, FGF13 or FGF14 in heterologous cells
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 on cells overexpressing target protein and confirmed to give the expected staining pattern.

Storage

Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$. For maximum recovery of product, centrifuge the vial prior to removing the cap.

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