

Product Datasheet

Anti-FGF13/FHF2, B Isoform Antibody FL550 Conjugate



Overview

Catalog #	75-248-FL550
Conjugate	FL550 Ex: 550 nm, Em: 575 nm
Isotype	IgG2a
Clone Number	N225A/10
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
Immunogen	Synthetic peptide amino acids 1-20 (MALLRKSYSSEPLKGIIVTKL) of human FHF2B (accession number Q92913-2)
Molecular Weight	20 kDa
Cite this Antibody	Antibodies Inc Cat# 75-248-FL550, RRID: AB_2939905

Details

Target Description	Fibroblast growth factor 13, FHF2 or FGF13 is encoded by the gene FGF13. FHF2 is a member of the fibroblast growth factor homologous factors family (a subfamily of fibroblast growth factors.). FHF2s have a role in regulation of voltage gated sodium channels (Nav channels) and are thought to be involved in nervous system development. FGF13 is expressed in the nervous system and other tissues. Diseases associated with FGF13 include X-Linked Congenital Generalized Hypertrichosis and Wildervanck Syndrome.
Specificity	Does not cross-react with FGF13A/FHF2A
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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