

Product Datasheet

Anti-FGF13/FHF2 Antibody FL490 Conjugate



Overview

Catalog #	75-134-FL490
Conjugate	FL490 Ex: 491 nm, Em: 515 nm
Isotype	IgG1
Clone Number	N91/27
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 53-245 of human FGF13a (accession number Q92913) produced recombinantly in E. Coli
Molecular Weight	28 kDa
Cite this Antibody	Antibodies Inc Cat# 75-134-FL490, RRID: AB_2939496

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	Cross-reacts with FGF13a and FGF13b Does not cross-react with FGF11, FGF12 or FGF14 expressed 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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