

Product Datasheet

Anti-FGF12/FHF1 Antibody FL550 Conjugate



Overview

Catalog #	75-135-FL550
Conjugate	FL550 Ex: 550 nm, Em: 575 nm
Isotype	IgG1
Clone Number	N94/17
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	Human, Mouse, and Rat
Immunogen	Fusion protein amino acids 1-243 (full-length) of human FGF12a (accession number P61328) produced recombinantly in E. Coli
Molecular Weight	27 kDa
Cite this Antibody	Antibodies Inc Cat# 75-135-FL550, RRID: AB_2939501

Details

Target Description	Fibroblast growth factor 12, FHF1 or FGF12 is encoded by the gene FGF12. FHF1 is a member of the fibroblast growth factor homologous factors family (a subfamily of fibroblast growth factors.). FHF1s have a role in regulation of voltage gated sodium channels (Nav channels) and are thought to be involved in nervous system development. FGF12 has been found to be expressed in the brain, eye and testis. Diseases associated with FGF12 include Early Infantile Epileptic Encephalopathy, Ebstein anomaly and Autosomal Dominant Deafness.
Specificity	Cross-reacts with FGF12b/FHF1b Does not cross-react with FGF11/FHF3, FGF13/FHF2 or FGF14/FHF4
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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