

Product Datasheet

Anti-Pan-FHF-A Antibody FL490 Conjugate



Overview

Catalog #	75-246-FL490
Conjugate	FL490 Ex: 491 nm, Em: 515 nm
Isotype	IgG2b
Clone Number	N235/22
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	Synthetic peptide amino acids 2-18 (AAAIASSLIRQKRQARE) of human FHF2A (accession number Q92913)
Molecular Weight	30 kDa
Cite this Antibody	Antibodies Inc Cat# 75-246-FL490, RRID: AB_2939896

Details

Target Description	FGF12A/FHF1A and FGF14A/FHF4A are members of the fibroblast growth factor homologous factors family (a subfamily of fibroblast growth factors.). FHF's have a role in regulation of voltage gated sodium channels (Nav channels) and are thought to be involved in nervous system development.
Specificity	Cross-reacts with FGF12A/FHF1A and FGF14A/FHF4A. Does not cross-react with FGF13B/FHF2B
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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