

## Product Datasheet

## Anti-Pan-FHF-A Antibody FL594 Conjugate



## Overview

|                           |   |
|---------------------------|---|
| <b>Catalog #</b>          | 75-246-FL594  |
| <b>Conjugate</b>          | FL594 Ex: 594 nm, Em: 615 nm  |
| <b>Isotype</b>            | IgG2b   |
| <b>Clone Number</b>       | N235/22   |
| <b>Size</b>               | 200 µL  |
| <b>Concentration</b>      | 0.5 mg/mL   |
| <b>Host Species</b>       | Mouse Monoclonal  |
| <b>Format</b>             | Purified by Protein A chromatography  |
| <b>Buffer</b>             | PBS with 0.09% azide  |
| <b>Applications</b>       | ICC, IHC  |
| <b>Species Reactivity</b> | Human, Mouse, and Rat   |
| <b>Immunogen</b>          | Synthetic peptide amino acids 2-18 (AAAIASSLIRQKRQARE) of human FHF2A (accession number Q92913) |
| <b>Molecular Weight</b>   | 30 kDa  |
| <b>Cite this Antibody</b> | Antibodies Inc Cat# 75-246-FL594, RRID: AB_2939898  |

## Details

|                              |  |
|------------------------------|--|
| <b>Target Description</b>    | 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. |
| <b>Specificity</b>           | Cross-reacts with FGF12A/FHF1A and FGF14A/FHF4A Does not cross-react with FGF13B/FHF2B   |
| <b>Purification Method</b>   | 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.   |
| <b>Quality Control Tests</b> | 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.  |
| <b>Storage</b>               | 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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