

## Product datasheet for 75-096

### Fgf14 Mouse Monoclonal Antibody [Clone ID: N56/21]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	N56/21
Applications:	IF, IHC, IP, WB
Recommend Dilution:	<b>Immunohistochemistry (IHC).</b> <b>Immunoprecipitation (IP).</b> <b>Immunoblot (IB)</b> <b>Immunocytochemistry (ICC).</b>
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Fusion protein amino acids 1-252 (full-length) of mouse FGF14b (also known as fibroblast growth factor homologous factor 4b or FHF4b, accession number O89096). Rat: 100% identity (252/252 amino acids identical). Human: 98% identity (247/252 amino acids identical). >70% identity with FGF14a.
Specificity:	Cross-reacts with FGF14a and FGF14b and does not cross-react with FGF11, FGF12 or FGF13
Formulation:	State: Purified
Gene Name:	fibroblast growth factor 14
Database Link:	<a href="#">Entrez Gene 14169 Mouse</a>
Synonyms:	bA397O8.2; FGF-14; FHF-4; FHF4; MGC119129; SCA27



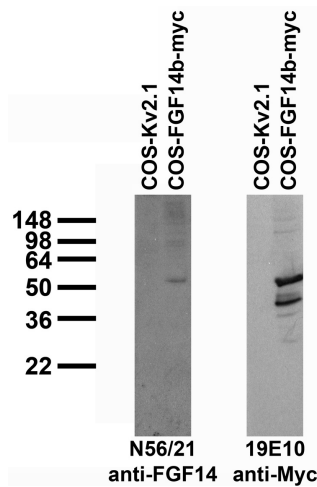
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**Note:** USERS will cite the UC Davis/NIH NeuroMab Facility in any publication(s) describing the research utilizing the MATERIALS. The suggested acknowledgment statement is as follows: "The monoclonal antibody \_ was developed by and/or obtained from the UC Davis/NIH NeuroMab Facility, supported by NIH grant U24NS050606 and maintained by the Department of Neurobiology, Physiology and Behavior, College of Biological Sciences, University of California, Davis, CA 95616." Also, please include the complete clone number (e.g., N52A/42) and the Antibody Registry identification number (e.g., RRID:AB\_2120479) to avoid ambiguity. [View Research License Agreement](#)

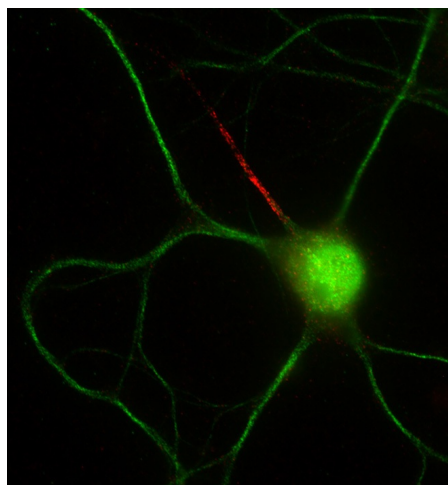
**Product images:**



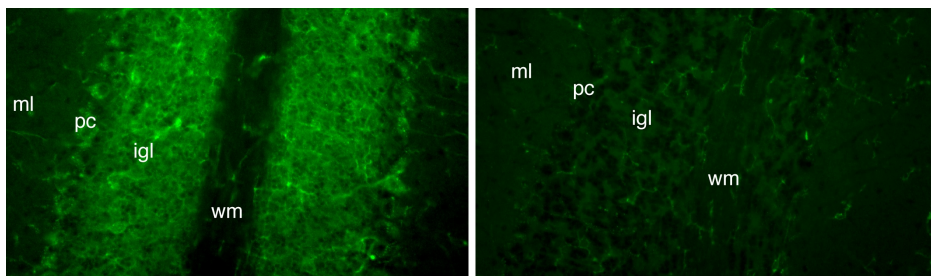
Adult rat hippocampus immunohistochemistry



transfected cell immunoblot: extracts of COS cells transiently transfected with Myc-tagged FGF14b or untagged Kv2.1 plasmid and probed with N56/21 (left) or 19E10 (right) TC supe.



Double immunofluorescence staining of cultured rat hippocampal neurons with N56/21 (red) and MAP2 (green). Images courtesy of David Ornitz (Washington University SOM).



N56/21 immunofluorescence staining of cerebellar cortex from FGF14 wild-type (left) and knockout (middle) mice. ml: molecular layer; pc: Purkinje cell layer; igl: internal granule cell layer; wm: white matter.