

FGF13 Monoclonal Antibody (N235/22)

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Mouse / IgG2b
Class	Monoclonal
Type	Antibody
Clone	N235/22
Conjugate	Unconjugated
Immunogen	Synthetic peptide amino acids 2-18 (AAAIASSLIRQKRQARE) of human FHF2A. 100% identical to rat, 94% identical to mouse. >80% identity with FGF12A/FHF1A, FGF14A/FHF4A and FGF11A/FHF3A.
Form	Liquid
Concentration	1 mg/mL
Purification	Protein G
Storage buffer	PBS, pH 7.4, with 50% glycerol
Contains	0.1% sodium azide
Storage conditions	-20°C
RRID	AB_2735180

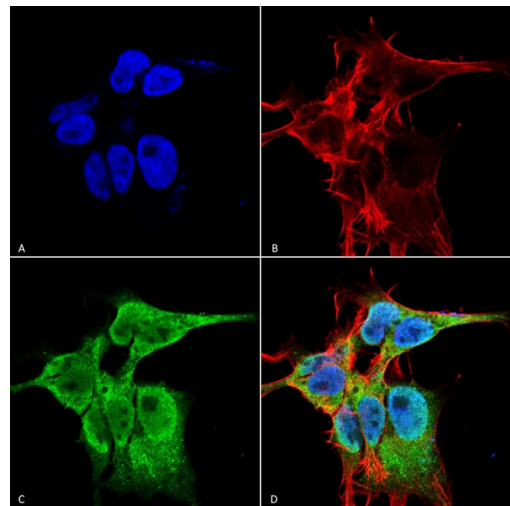
Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	-
Immunohistochemistry (PFA fixed) (IHC (PFA))	1:100	-
Immunocytochemistry (ICC/IF)	Assay-Dependent	-

Product Specific Information

1 µg/mL of MA5-27705 was sufficient for detection of FGFA/FHFA (pan) in 20 µg of rat brain lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody. | Detects approximately 30kDa. Does not cross-react with FGF13B/FHF2B. Cross reacts with FGF12A/FHF1A and FGF14A/FHF4A.

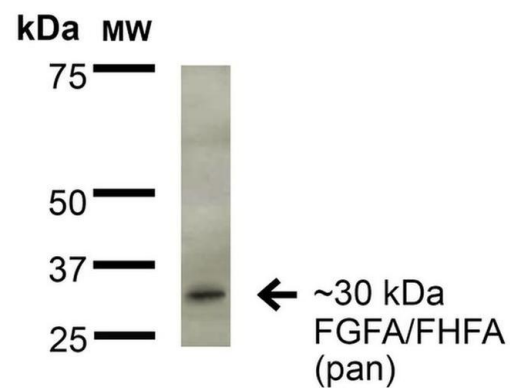
This antibody was formerly sold as clone S235-22.

Product Images For FGF13 Monoclonal Antibody (N235/22)



FGF13 Antibody (MA5-27705) in ICC/IF

Immunofluorescent analysis of FGF13 in human neuroblastoma cell line (SK-N-BE). Sample was fixed with 4% formaldehyde (15 min at RT), incubated with FGF13 monoclonal antibody (Product # MA5-27705) using a dilution of 1:100 (1 hour at RT), and followed by Goat Anti-Mouse 488, Phalloidin Texas Red and DAPI secondary antibody at a dilution of 1:100, 1:1000 (60 min at RT) and 1:5000 (5 min at RT). Images are shown as follows: (A) DAPI (blue) nuclear stain, (B) Phalloidin Texas Red F-Actin stain, (C) FGFA/FHFA (pan) Antibody, (D) Merged image. Magnification: 60x.



FGF13 Antibody (MA5-27705) in WB

Western blot analysis of FGF13 in rat brain membrane with 15 µg of sample. The sample was blocked with 2% BSA and 2% skim milk in TBST, incubated with FGF13 monoclonal antibody (Product # MA5-27705) using a dilution of 1:200 (16 hours at RT), followed by Goat Anti-Mouse HRP (1 hour at RT) at a dilution of 1:1000 and ECL development (6 min at RT). Samples were arranged as follows: Lane 1: Molecular Weight Ladder, Lane 2: Rat Brain membrane.

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