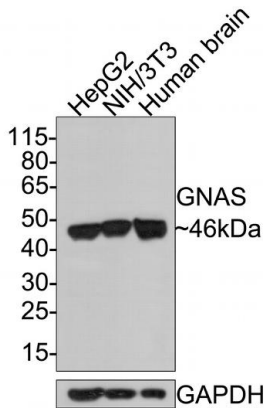


GNAS Monoclonal Antibody (A8F11)

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Mouse / IgG2b
Class	Monoclonal
Type	Antibody
Clone	A8F11
Conjugate	Unconjugated
Immunogen	Recombinant protein within human GNAS aa 2-251.
Form	Liquid
Concentration	1.12 mg/mL
Purification	Protein A
Storage buffer	PBS, pH 7.4, with 40% glycerol, 0.1% BSA
Contains	0.05% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

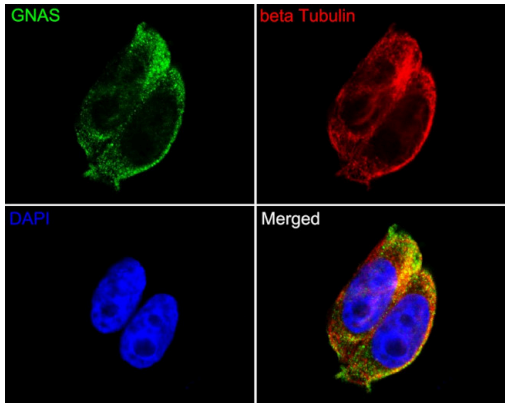
Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:500	-
Immunocytochemistry (ICC/IF)	1:200	-

Product Images For GNAS Monoclonal Antibody (A8F11)



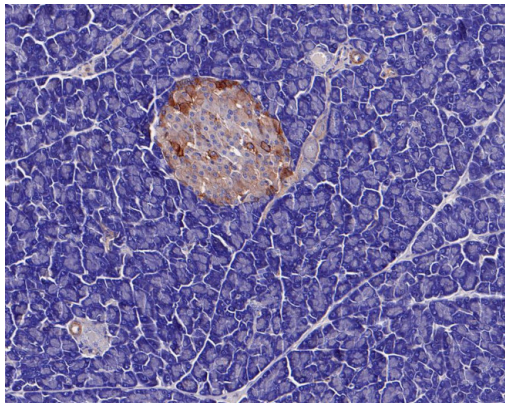
GNAS Antibody (MA5-44920) in WB

Western blot analysis of GNAS in different lysates. Exposure time: 2 minutes; 10% SDS-PAGE gel. Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. Samples were incubated in GNAS Monoclonal antibody (Product # MA5-44920) using a dilution of 1:1,000 in 5% NFDM/TBST at room temperature for 2 hours followed by Goat Anti-Mouse IgG - HRP secondary antibody at a dilution of 1:100,000 for 1 hour at room temperature. Lane 1: HepG2 cell lysate (10 µg/Lane); Lane 2: NIH/3T3 cell lysate (10 µg/Lane); Lane 3: Human brain tissue lysate (20 µg/Lane). Predicted band size: 46 kDa. Observed band size: 46 kDa. Exposure time: 2 minutes; 4-20% SDS-PAGE gel.



GNAS Antibody (MA5-44920) in ICC/IF

Immunocytochemistry analysis of GNAS in MCF-7 cells. Cells were fixed in 4% paraformaldehyde for 30 minutes, permeabilized with 0.05% Triton X-100 in PBS for 20 minutes, and then blocked with 2% negative goat serum for 30 minutes at room temperature. Samples were incubated in GNAS Monoclonal antibody (Product # MA5-44920) using a dilution of 1:200 in 2% negative goat serum overnight at 4 °C followed by Goat Anti-Mouse IgG H&L (iFluor™ 488) secondary antibody at a dilution of 1:1,000. Nuclear DNA was labelled in blue with DAPI.



GNAS Antibody (MA5-44920) in IHC (P)

Immunohistochemistry analysis of GNAS in paraffin-embedded rat pancreas tissue. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH2O and PBS, and then probed with GNAS Monoclonal antibody (Product # MA5-44920) using a dilution of 1:500 for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.

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