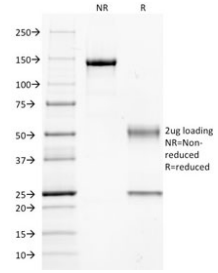
GNAQ Antibody [clone GNAQ/2434] (V7813)

Catalog No.	Formulation	Size
V7813-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7813-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7813SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b, kappa
Clone Name	GNAQ/2434
Purity	Protein G affinity chromatography
UniProt	P50148
Applications	ELISA: order BSA-free format for coating Flow cytometry: 1-2ug/million cells in 0.1ml Immunofluorescence: 1-2ug/ml
Limitations	This GNAQ antibody is available for research use only.



SDS-PAGE analysis of purified, BSA-free GNAQ antibody as confirmation of integrity and purity.

Description

GNAQ is 359 amino acids long and is identical in all but 1 amino acid residue to the mouse protein. Analysis of human genomic DNA revealed an intronless sequence with strong homology to human GNAQ cDNA. In comparison to GNAQ cDNA, this genomic DNA sequence included several small deletions and insertions that altered the reading frame, multiple single based changes, and a premature termination codon in the open reading frame, all hallmarks of a processed pseudogene. Probes derived from human GNAQ cDNA sequence mapped both chromosomes 2 and 9 in higher constringency genomic blot analyses of DNA from a panel of human/rodent hybrid cell lines.

Application Notes

Optimal dilution of the GNAQ antibody should be determined by the researcher.

Immunogen

A recombinant human full length protein was used as the immunogen for the GNAQ antibody.

Storage

Store the GNAQ antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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