

## 36-2400: Anti-Guanine nucleotide-binding protein alpha-q / GNAQ / G-ALPHA-q Monoclonal Antibody(Clone: GNAQ/2434)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	GNAQ/2434
<b>Application :</b>	ELISA,FACS,IF
<b>Reactivity :</b>	Human
<b>Gene :</b>	GNAQ
<b>Gene ID :</b>	2776
<b>Uniprot ID :</b>	P50148
<b>Alternative Name :</b>	CMC1; G alpha Q; G protein alpha Q; GAQ; guanine nucleotide binding protein (G protein), q polypeptide; Guanine nucleotide-binding protein G(q) subunit alpha; SWS
<b>Isotype :</b>	Mouse IgG2b, kappa
<b>Immunogen Information :</b>	Recombinant full-length human GNAQ protein

### 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 stringency genomic blot analyses of DNA from a panel of human/rodent hybrid cell lines.

### Product Info

<b>Amount :</b>	20 µg / 100 µg
<b>Content :</b>	200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
<b>Storage condition :</b>	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.

### Application Note

ELISA (For coating, order Ab without BSA); Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml);

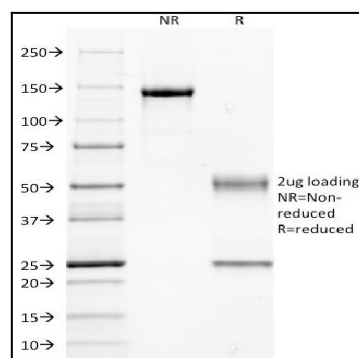


Fig. 1: SDS-PAGE Analysis Purified GNAQ Mouse Monoclonal Antibody (GNAQ/2434). Confirmation of Integrity and Purity of the Antibody.