

GNAQ

Catalog Number: 26356

Gene Symbol: GNAQ, CMC1, G-ALPHA-q, GAQ, SWS

Description: Anti-GNAQ Mouse Monoclonal Antibody

Background: GNAQ is a protein that in humans encoded by the GNAQ gene. The GNAQ protein, an alpha subunit in the Gq class, couples a seven-transmembrane domain receptor to activation of phospholipase C-beta. Mutations at this locus have been associated with problems in platelet activation and aggregation.

Immunogen: Recombinant full-length protein of GNAQ

Tested Applications: ELISA, WB, IF, IHC

Recommended Dilutions:

ELISA: 1:1000-1:2000

WB: 1:500-1:1000

IF: 1:50-1:100

IHC: 1:10-1:100

Concentration: 1.0 mg/ml

Host: Mouse

Clonality: Monoclonal

Isotype: IgG

Purity: Purified from ascites

Format: Liquid

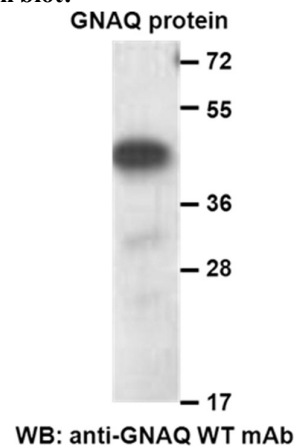
Preservative: No

Constituents: PBS (without Mg²⁺ and Ca²⁺), pH7.4, 150 mM NaCl, 50% glycerol

Species Reactivity: Recognizes GNAQ, but not wild type GNAQ protein from vertebrates.

Storage Conditions: Store at -20°C. Avoid repeated freezing and thawing

Western blot:

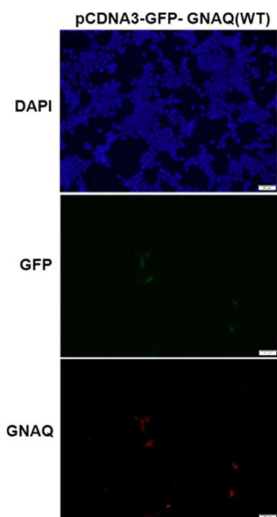


Western blot analysis of recombinant GNAQ protein.

Purified His-tagged GNAQ protein was blotted with anti-GNAQ monoclonal antibody (Cat. # 26356).

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Immunofluorescence:



Immunofluorescence of cells expressing GNAQ protein with anti-GNAQ antibody.

HEK293T cells were transfected with pCDNA3-GFP-GNAQ plasmid, then fixed and stained with anti-GNAQ monoclonal antibody (Cat. # 26356).

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