

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 mg/ml

Host: Mouse

Clonality: Monoclonal

Purity: Purified from ascites

Format: Liquid

Storage buffer:

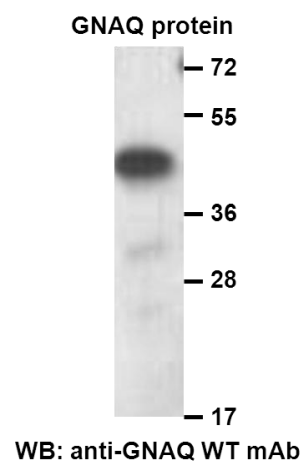
Preservative: no

Constituents: PBS (without Mg^{2+} and Ca^{2+}), pH 7.4, 150 mM NaCl, 50% glycerol

Species Reactivity: Recognizes Q209L mutant, but not wild-type GNAQ of vertebrates.

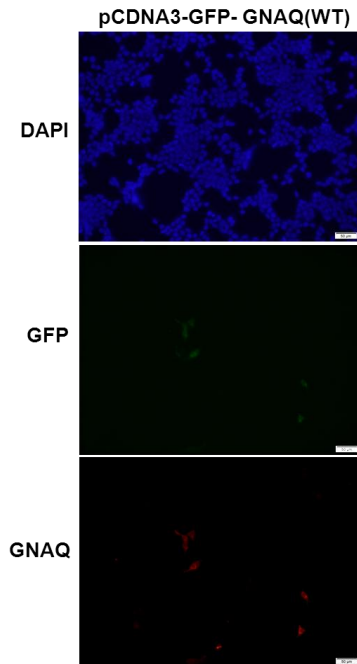
Storage Conditions: Store at $-20^{\circ}C$. Avoid freeze / thaw cycles.

Western blot:



Western blot analysis of recombinant GNAQ protein. Purified His-tagged GNAQ protein was blotted with anti-GNAQ monoclonal antibody (Cat. #26356).

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).