

**GA<sub>q</sub>(Q209P)****Gα<sub>q</sub>(Q209P)**

货号: 26329

基因符号: GNAQ, CMC1, G-ALPHA-q, GAQ, SWS

描述: GNAQ(Q209P) 小鼠单克隆抗体

背景: 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.

免疫原: A synthetic peptide from the internal region of GNAQ which includes the mutation of Q209P, human origin.

经过测试的应用: ELISA, WB, IHC

推荐稀释度:

ELISA: 1:1000-1:2000

WB: 1:500-1:1000

IHC: 1:50-1:100

浓度: 1 mg/ml

种属反应性: Mouse

形式: Liquid

克隆性: Monoclonal

亚型: IgG

纯化:: Purified from ascites

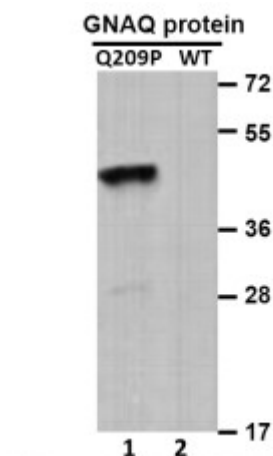
**Preservative:** No

成分: PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 50% glycerol

种属反应性: Recognizes Gα<sub>q</sub>(Q209P) mutant, but not wild type GNAQ of vertebrates.

储存条件:: Store at -20°C. Avoid repeated freezing and thawing

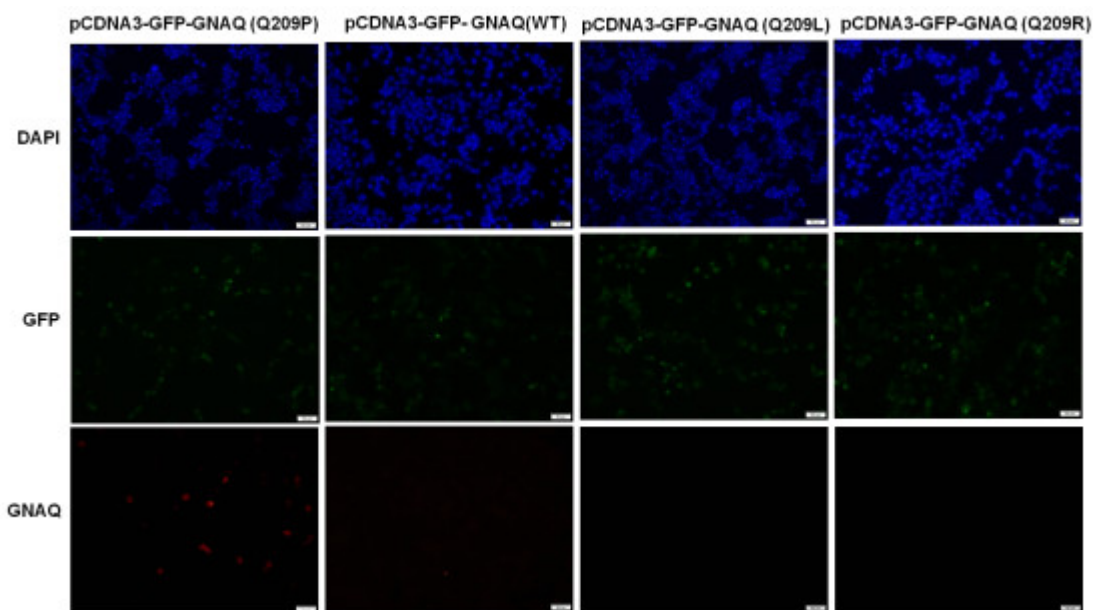
## Western blot:



WB: anti-GNAQ (Q209P) mAb

**Western blot analysis of recombinant GNAQ(Q209P) and wild type proteins.** Purified His-tagged GNAQ(Q209P) protein (lane2) and corresponding wild type protein (lane1) were blotted with GNAQ(Q209P) monoclonal antibody (货号26329).

## Immunofluorescence::



## Immunofluorescence of cells expressing GNAQ proteins with GNAQ(Q209P) antibody.

HEK293T cells were transfected with pCDNA3-GFP-GNAQ(Q209P) plasmid, pCDNA3-GFP-GNAQ (WT) plasmid, pCDNA3-GFP-GNAQ (Q209L) plasmid or pCDNA3-GFP-GNAQ (Q209R) plasmid, then fixed and stained with GNAQ(Q209P) monoclonal antibody (货号26329).