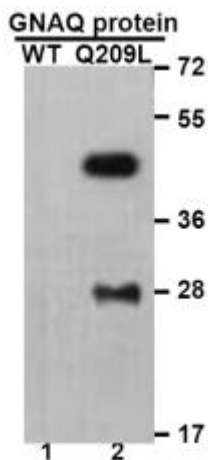


GA_q(Q209L)**Gα_q(Q209L)****Cat. #:** 26328**Gene Symbol:** GNAQ, CMC1, G-ALPHA-q, GAQ, SWS**Description:** Anti-GNAQ(Q209L) Mouse Monoclonal Antibody**Background:** GNAQ is a protein that in humans encoded by the GNAQ gene. The GNAQ protein, an alpha subunit in the Gq class, couples a seven-transmembrane domain receptor to activation of phospholipase C-beta. Mutations at this locus have been associated with problems in platelet activation and aggregation.**Immunogen:** A synthetic peptide from the internal region of GNAQ which includes the mutation of Q209L, human origin.**Applications:** ELISA, IF, IHC**Recommended Dilutions:**

ELISA: 1:1000-1:2000 WB: 1:500-1:1000 IHC: 1:50-1:100

Concentration: 1 mg/ml**Host Species:** Mouse**Format:** Liquid**Clonality:** Monoclonal**Isotype:** IgG**Purity:** Purified from ascites**Preservative:** No**Constituents:** PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 50% glycerol**Species Reactivity:** Recognizes Gα_q(Q209L) mutant, but not wild type Gα_q of vertebrates.**Storage Conditions:** Store at -20°C. Avoid repeated freezing and thawing

Immunofluorescence:



WB: anti-GNAQ (Q209L) mAb

Western blot analysis of recombinant GNAQ(Q209L) and wild type proteins. Purified His-tagged GNAQ(Q209L) protein (lane 2) and corresponding wild type protein (lane 1) were blotted with anti-GNAQ(Q209L) monoclonal antibody (Cat. # 26328).