

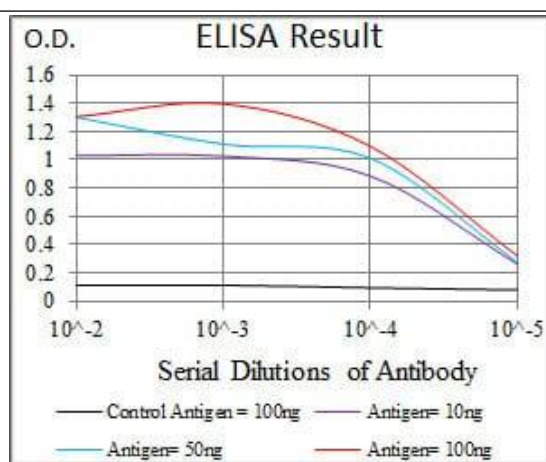


PIK3R1 Mouse mAb

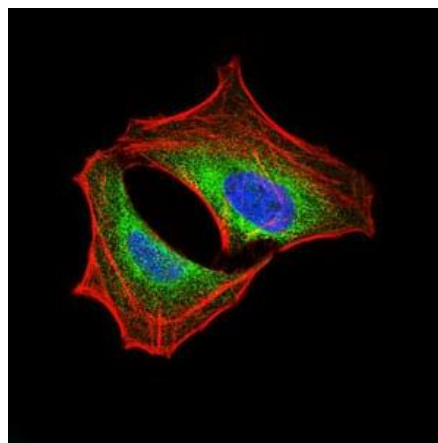
E2220742

Catalog Number:E2220742

Description:Phosphatidylinositol 3-kinase phosphorylates the inositol ring of phosphatidylinositol at the 3-prime position. The enzyme comprises a 110 kD catalytic subunit and a regulatory subunit of either 85, 55, or 50 kD. This gene encodes the 85 kD regulatory subunit. Phosphatidylinositol 3-kinase plays an important role in the metabolic actions of insulin, and a mutation in this gene has been associated with insulin resistance. Alternative splicing of this gene results in four transcript variants encoding different isoforms.

Aliases : p85; GRB1; p85-ALPHA**Entrez GeneID :** 5295**Swissprot :** P27986**Clone :** 6G10**WB Predicted band size :** 83.6kDa**Host/Isotype :** Mouse IgG1**Antibody Type :** Primary antibody**Storage :** Store at 4° C short term. Aliquot and store at -20° C long term. Avoid freeze/thaw cycles.**Species Reactivity :** Human,Mouse**Immunogen :** Purified recombinant fragment of human PIK3R1 (AA: 159-388) expressed in E. Coli.**Formulation :** Purified antibody in PBS with 0.05% sodium azide**Application:**WB: 1/500 - 1/2000; IHC: 1/200 - 1/1000; ICC/IF: 1/100; FCM: 1/200 - 1/400; Elisa: 1/10000.

Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng).



Immunofluorescence analysis of HeLa cells using PIK3R1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

For Research Use Only