

## Anti-PI3K p85 alpha Antibody Product Manual

**Cat No: GPA9209**

Source: Mouse

Reactivity: M, R

Applications: WB, IH

\*Application Key:

H - Human, M - Mouse, R - Rat, B - Bovine, C - Chicken, D - Dog, G - Goat, Mk - Monkey, P - Pig, Rb - Rabbit, S - Sheep, Z - Zebrafish

\*Species Reactivity Key:

E- ELISA, WB - Western blot, IH - Immunohistochemistry, IF - Immunofluorescence, FC - Flow cytometry, IC - Immunocytochemistry, IP - Immunoprecipitation, ChIP - Chromatin Immunoprecipitation, EMSA - Electrophoretic Mobility Shift Assay, BL - Blocking, SE - Sandwich ELISA, CBE - Cell-based ELISA, RNAi - RNA interference

### Datasheet

Description: Mouse monoclonal antibody to PI3K p85 alpha

Immunogen: Recombinant protein corresponding to mouse PI3K p85 alpha.

Purification: Affinity chromatography

Clonality: Monoclonal

Form: Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Dilution: WB (1/1000 - 1/2000), IH (1/100 - 1/200)

Gene Symbol: PIK3R1

Alternative Names: GRB1; Phosphatidylinositol 3-kinase regulatory subunit alpha; PI3-kinase regulatory subunit alpha; PI3K regulatory subunit alpha; PtdIns-3-kinase regulatory subunit alpha; Phosphatidylinositol 3-kinase 85 kDa regulatory subunit alpha; PI3-kinase subunit p85-alpha; PtdIns-3-kinase regulatory subunit p85-alpha

Entrez Gene (Mouse): 18708;

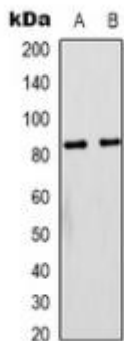
Entrez Gene (Rat): 25513;

SwissProt (Mouse): P26450;

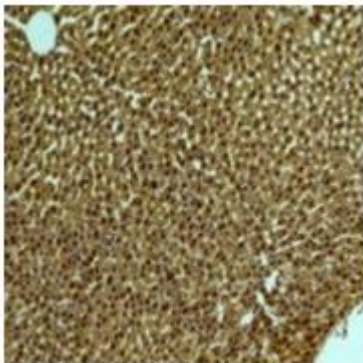
SwissProt (Rat): Q63787;

Storage/Stability: Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

## Validation



Western blot analysis of PI3K p85 alpha expression in NIH3T3 (A), rat liver (B) whole cell lysates. (Predicted band size: 83 kD; Observed band size: 85 kD)



Immunohistochemical analysis of PI3K p85 alpha staining in rat liver, mouse brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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