

PI3K p110 β polyclonal antibody

Catalog: BS91071

Host: Rabbit

Reactivity: Human

BackGround:

Phosphatidylinositol 3-kinase (PI 3-kinase) is composed of p85 and p110 subunits. p85 lacks PI 3-kinase activity and acts as an adapter, coupling p110 to activated protein tyrosine kinase. Two forms of p85 have been described (p85 α and p85 β), each possessing one SH3 and two SH2 domains. Various p110 isoforms have been identified. p110 α and p110 β interact with p85 α , and p110 α has also been shown to interact with p85 β in vitro. p110 expression is restricted to white blood cells. It has been shown to bind p85 α and β , but it apparently does not phosphorylate these subunits. p110 δ seems to have the capacity to autophosphorylate. p110 γ does not interact with the p85 subunits. It has been shown to be activated by α and β heterotrimeric G proteins.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

123 kDa

Swiss-Prot:

P42338(Human)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:1,000

FC:1:50-1:100

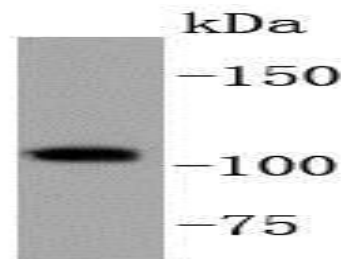
Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

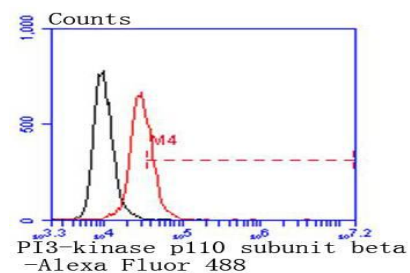
Specificity:

PI3K p110 β polyclonal antibody detects endogenous levels of PI3K p110 β protein.

DATA:



Western blot analysis of PI3-kinase p110 subunit beta on HeLa cell lysates using anti-PI3-kinase p110 subunit beta antibody at 1/1,000 dilution.



Flow cytometric analysis of HeLa cells with PI3-kinase p110 subunit beta antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was secondary.

Note:

For research use only, not for use in diagnostic procedure.

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