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Recombinant PI3-Kinase p110α Monoclonal Antibody

catalog number: AN301301L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human; Mouse; Rat

Immunogen Recombinant Human PI3-Kinase p110α protein

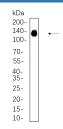
HostRabbitIsotype IgG,κ CloneB1064PurificationProtein A

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

WB 1:2000-1:10000

Data



Western Blot with Recombinant PI3-Kinase p110α Monoclonal Antibody at dilution of 1:1000 dilution. Lane A:

RAW264.7 whole cell lysate.

Observed-MW:110 kDa

Calculated-MW:124 kDa

Preparation & Storage

Storage Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

Background

Phosphatidylinositol 3-kinase is composed of an 85 kDa regulatory subunit and a 110 kDa catalytic subunit. The protein encoded by this gene represents the catalytic subunit, which uses ATP to phosphorylate Ptdlns, Ptdlns4P and Ptdlns(4,5)P2. This gene has been found to be oncogenic and has been implicated in cervical cancers. A pseudogene of this gene has been defined on chromosome 22.