

PI3 Kinase p110 beta Monoclonal Antibody

CAB22467

Description

This PI3 Kinase p110 beta Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU: CAB22467

Contents: 20 µL, 100 µL
Bradford Reagent: 1 vial (2ml)

Category: Monoclonal Antibody

Synonyms: PI3K, PIK3C1, P110BETA, PI3KBETA, PI3 Kinase p110 beta

Clone: ARC54484

Applications: WB ELISA

Conjugation: Unconjugated

Reactivity: Human, Mouse, Rat

Antibody Data

Gene ID: 5291

Uniprot: -

Host Species: Rabbit

Purification: Affinity purification

Observed MW: 110 kDa

Calculated MW: 123 kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

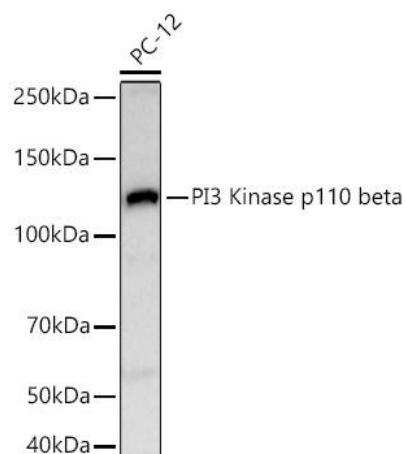
Positive Sample: 293F, PC-12

Recommended Dilutions:

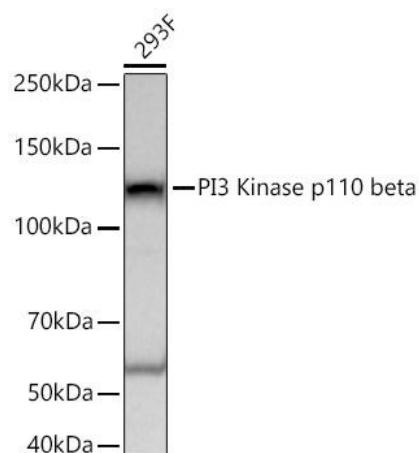
WB	1:2000 - 1:10000
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Validation Data



Western blot analysis of lysates from PC-12 cells using Kinase p110 beta Rabbit mAb (CAB22467) at 1:10000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 45 s.



Western blot analysis of lysates from 293F cells using Kinase p110 beta Rabbit mAb (CAB22467) at 1:10000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 10 s.

