

## Datasheet for ABIN1844691 **anti-PIK3CA antibody**

### 7 Images



[Go to Product page](#)

### Overview

Quantity:	100 µL
Target:	PIK3CA
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PIK3CA antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunofluorescence (fixed cells) (IF/ICC)

### Product Details

Immunogen:	Purified recombinant fragment of human PIK3CA expressed in E. Coli.
Isotype:	IgG1
Purification:	Purified antibody

### Target Details

Target:	PIK3CA
Alternative Name:	PIK3CA ( <a href="#">PIK3CA Products</a> )
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 PtdIns, PtdIns4P and PtdIns (4,5)P2. This gene has been found to be oncogenic and has been implicated in cervical cancers.

## Target Details

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Molecular Weight: 124 kDa

Gene ID: 5290

UniProt: [P42336](#)

Pathways: [PI3K-Akt Signaling](#), [RTK Signaling](#), [TCR Signaling](#), [AMPK Signaling](#), [Interferon-gamma Pathway](#), [TLR Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Inositol Metabolic Process](#), [Hepatitis C](#), [CXCR4-mediated Signaling Events](#), [Signaling Events mediated by VEGFR1 and VEGFR2](#), [Signaling of Hepatocyte Growth Factor Receptor](#), [VEGFR1 Specific Signals](#), [VEGF Signaling](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1.0 mg/mL

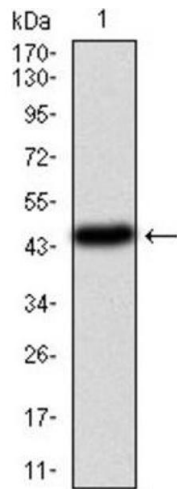
Buffer: PBS with 0.05 % sodium azide and 0.5 % protein stabilizer.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

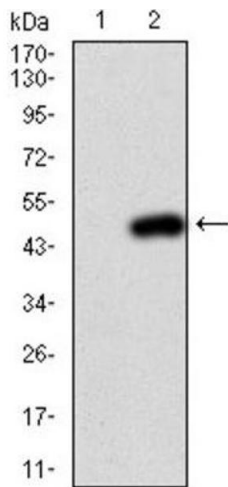
Storage: -20 °C

Storage Comment: Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.



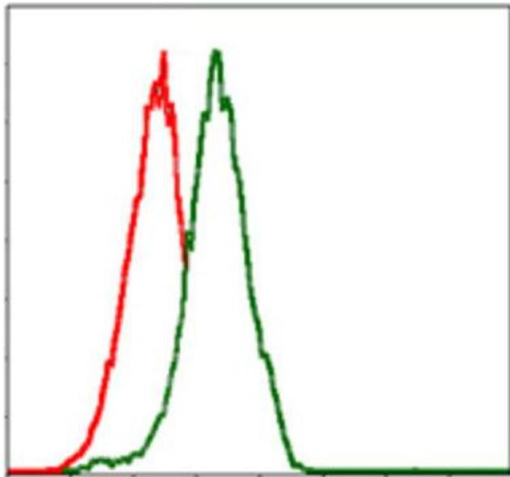
**Western Blotting**

**Image 1.**



**Western Blotting**

**Image 2.**



**Flow Cytometry**

**Image 3.**

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN1844691.