

## PI3 Kinase P85 Alpha Monoclonal Antibody(2D2)

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-MCA1031
<b>Host</b>	Mouse
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	Recombinant Protein of PI3 Kinase P85 $\alpha$
<b>Mol wt</b>	N/A
<b>Species reactivity</b>	Rat,Mouse
<b>Clonality</b>	Monoclonal
<b>Recommended application</b>	WB, IHC-p, IF
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Phosphatidylinositol 3-kinase regulatory subunit alpha
<b>Synonyms</b>	PIK3R1; 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

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

Phosphatidylinositol 3-kinase phosphorylates the inositol ring of phosphatidylinositol at the 3-prime position. The enzyme comprises a 110 kD catalytic subunit and a regulatory subunit of either 85, 55, or 50 kD. This gene encodes the 85 kD regulatory subunit. Phosphatidylinositol 3-kinase plays an important role in the metabolic actions of insulin, and a mutation in this gene has been associated with insulin resistance. Alternative splicing of this gene results in four transcript variants encoding different isoforms.

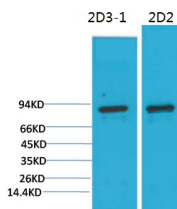
### Recommended Dilution

IHC: 1:100-200

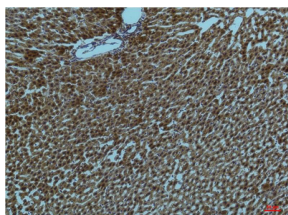
WB: 1:1000-2000

Not yet tested in other applications.

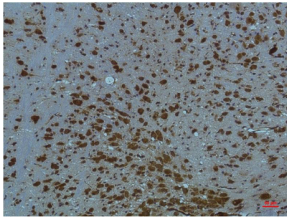
### Images



Western blot analysis of 1)3T3. 2) Rat Liver Tissue with PI3 Kinase P85 Alpha Mouse Monoclonal antibody diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Rat Liver Tissue using PI3 Kinase P85 Alpha Mouse Monoclonal antibody diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Mouse Brain Tissue using PI3 Kinase P85 Alpha Mouse Monoclonal antibody diluted at 1:200.

### Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: [save@bt-laboratory.com](mailto:save@bt-laboratory.com) | [www.bt-laboratory.com](http://www.bt-laboratory.com)