

PI 3 Kinase p85 β Mouse mAb

CatalogNo: YM1370

Key Features

Host Species

- Mouse

Reactivity

- Human, Mouse, Rat

Applications

- WB

MW

- 85kD (Observed)

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:1000

Basic Information

Clonality Monoclonal

Clone Number 7B12

Immunogen Information

Immunogen Purified recombinant human PI3 Kinase p85 beta protein fragments expressed in E.coli.

Specificity This antibody detects endogenous levels of PI3 Kinase p85 beta and does not cross-react with related proteins.

Target Information

Gene name pik3r2

Protein Name

Organism	Gene ID	UniProt ID
Human	5296;	O00459;
Mouse	18709;	O08908;
Rat		Q63788;

Cellular Localization

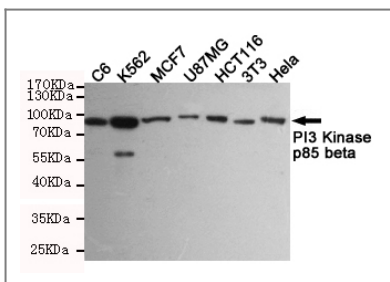
nucleus,cytosol,phosphatidylinositol 3-kinase complex,

Tissue specificity Brain,Epithelium,Kidney,Placenta,

Function

Function: Binds to activated (phosphorylated) protein-tyrosine kinases, through its SH2 domain, and acts as an adapter, mediating the association of the p110 catalytic unit to the plasma membrane.,similarity: Belongs to the PI3K p85 subunit family.,similarity: Contains 1 Rho-GAP domain.,similarity: Contains 1 SH3 domain.,similarity: Contains 2 SH2 domains.,subunit: Heterodimer of a p110 (catalytic) and a p85 (regulatory) subunits.,

Validation Data



Western blot detection of PI3 Kinase p85 beta in C6,K562,MCF7,U87MG,HCT116,3T3 and HeLa cell lysates using PI3 Kinase p85 beta mouse mAb (1:1000 diluted). Predicted band size:85KDa.Observed band size:85KDa.

Contact information

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PI 3 Kinase p85 β Mouse mAb