

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

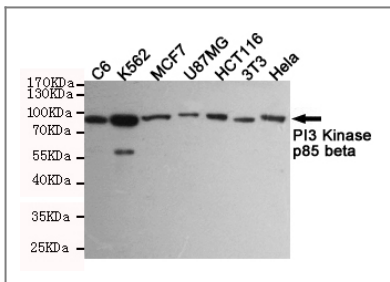
nucleus,cytosol,phosphatidylinositol 3-kinase complex,

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

Orders: order@immunoway.com
Support: tech@immunoway.com
Telephone: 877-594-3616 (Toll Free), 408-747-0185
Website: <http://www.immunoway.com>
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



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PI 3 Kinase p85 β Mouse mAb

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