

PI3-Kinase p110 β Rabbit mAb (AR1527)

Key Features

Host Species:	Rabbit
Reactivity:	Human, Mouse, Rat
Applications:	WB,IHC,IF,IP,ELISA
lsotype:	lgG,Kappa
MW:	123kD (Calculated)
	110kD (Observed)
Recommended Dilution Ra	tios
Recommended Dilution Ra IHC:	tios 1:200-1000
IHC:	1:200-1000
IHC: WB:	1:200-1000 1:2000-10000

Storage

Basic Information

Clonality Immunogen Information	Monoclonal
Specificity	Endogenous
Target Information	
Gene name	PIK3CB PIK3C1
Protein Name	Phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit beta isoform (PI3-kinase subunit beta) (PI3K-beta) (PI3Kbeta) (PtdIns-3-kinase subunit beta) (Phosphatidylinositol 4,5- bisphosphate 3-kinase 110 kDa catalytic subunit beta) (PtdIns-3- kinase subunit p110- beta) (p110beta)

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

Organism	Gene ID	UniProt ID
Human	5291	P42338
Mouse		Q8BTI9
Rat		Q9Z1L0

Cellular Localization

Tissue specificity

Validation Data





Cytoplasm. Nucleus. Interaction with PIK3R2 is required for nuclear localization and export. Expressed ubiquitously.

Western Blot analysis using various cell lysate, Proteins were separated by 4-20% SDS-PAGE, and the membrane was blotted with PI3-Kinase p110 beta Rabbit mAb diluted at 1:2000. Secondary: Dylight 800, Goat Anti Rabbit IgG(1:10000)

Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-PI3-Kinase p110 β antibody. The HRP conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: MCF7 Lane 2: K562 Lane 3: Mouse thymus Lane 4: Rat thymus Predicted band size: 123kDa Observed band size: 110kDa

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