

PI3-Kinase p110 β Rabbit mAb (AR1527)

Key Features

Host Species:	Rabbit
Reactivity:	Human, Mouse, Rat
Applications:	WB, IHC, IF, ELISA
Isotype:	IgG, Kappa
MW:	123kD (Calculated) 110kD (Observed)

Recommended Dilution Ratios

IHC:	1:200-1000
WB:	1:2000-10000
IF:	1:200-1000
ELISA:	1:5000-20000

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

Basic Information

Clonality	Monoclonal
-----------	------------

Immunogen Information

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)

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

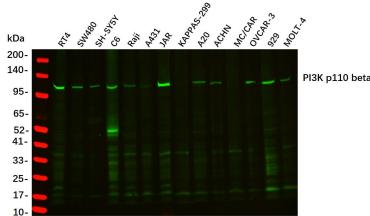
Cellular Localization	Cytoplasm. Nucleus. Interaction with PIK3R2 is required for nuclear
-----------------------	---------------------------------------------------------------------

localization and export.

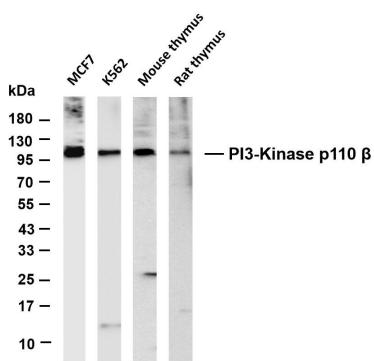
Tissue specificity

Expressed ubiquitously.

Validation Data



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

For Research Use Only