

## Product Datasheet

# Phospho-PI 3 Kinase p110 delta (Tyr524) Rabbit Polyclonal Antibody (orb6720)

<b>Catalog Number</b>	orb6720
<b>Category</b>	Antibodies
<b>Description</b>	Phospho-PI 3 Kinase p110 delta (Tyr524) Rabbit Polyclonal Antibody
<b>Target</b>	PIK3CD
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse, Rat
<b>Predicted Reactivity</b>	Bovine, Canine, Equine, Gallus, Porcine
<b>Form/Appearance</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Buffer/Preservatives</b>	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
<b>Purification</b>	Affinity purified by Protein A
<b>Immunogen</b>	KLH conjugated Synthesised phosphopeptide derived from human PIK3CD around the phosphorylation site of Tyr524 EL(p-Y)EH
<b>UniProt ID</b>	<b>O00329</b>

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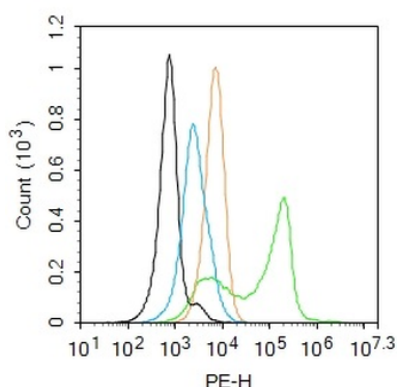
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<b>RRID</b>	AB_10937025
<b>MW</b>	115 kDa
<b>Tested applications</b>	FC, IF, IHC-Fr, IHC-P, WB
<b>Dilution range</b>	WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500, Flow-Cyt=2ug/Test
<b>Antibody Type</b>	Primary Antibody
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



Blank control: U937. Primary Antibody (green line): Rabbit Anti-phospho-PI 3 Kinase p110 delta (Tyr524) antibody (orb6720), dilution: 2  $\mu\text{g}/10^6$  cells, Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody: Goat anti-rabbit IgG-PE, dilution: 1  $\mu\text{g}/\text{Test}$ . Protocol, The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 0.1% PBST for 20 min at PBST. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20000 events was performed.

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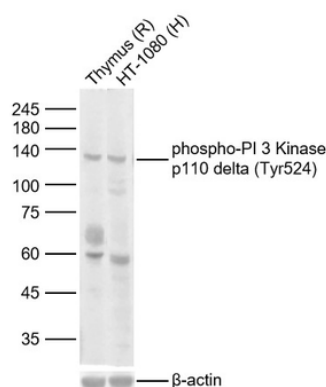
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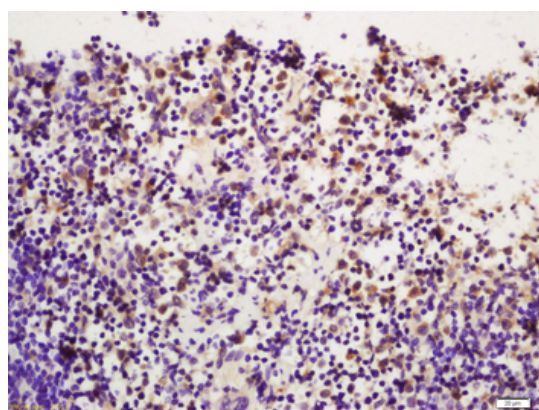
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Sample: Lane 1: Rat Thymus Lysates, Lane 2: Human HT-1080 cell Lysates, Primary: Anti-phospho-PI 3 Kinase p110 delta (Tyr524) (orb6720) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 115kDa, Observed band size: 115 kDa.



Tissue/Cell: mouse spleen tissue, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH6.0), Boiling bathing for 15 min, Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-phospho-PI 3 Kinase p110 delta (Tyr524) Polyclonal Antibody, Unconjugated (orb6720) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

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