

Anti-Phospho-PIK3C3 (Ser164) Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit)
Molecular Weight:	Theoretical: 98 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	<p>1. Tissue/cell: human lung carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), 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;</p> <p>Incubation: Anti-phospho-PIK3C3 (Ser164) Polyclonal Antibody, Unconjugated (TMAB-11136) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining</p> <p>2. Blank control (black line): HepG2.</p> <p>Primary Antibody (green line): Rabbit Anti-phospho-PIK3C3 (Ser164) antibody (TMAB-11136) Dilution: 1 µg/Test;</p> <p>Secondary Antibody (white blue line): Goat anti-rabbit IgG-AF488 Dilution: 0.5 µg/Test.</p> <p>Isotype control (orange line): Normal Rabbit IgG</p> <p>Protocol</p> <p>The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, 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 20,000 events was performed.</p>
Application:	IHC-P,IHC-Fr,IF,FCM
Recommended	IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500; FCM: 1µg/Test

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated Synthesised phosphopeptide: human PIK3C3 around the phosphorylation site of Ser164
Antigen Species:	Human
Gene ID:	5289
Uniprot ID:	Q8NEB9

Research Background

PI 3 Kinase Class 3 is a member of the PI3/PI4-kinase family. It is the catalytic subunit of the PI3K complex. It is involved in the transport of lysosomal enzyme precursors to lysosomes. It is ubiquitously expressed, with a highest expression in skeletal muscle.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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