

## Product Datasheet

# Phospho-BTK (Tyr223) Rabbit Polyclonal Antibody (orb5651)

<b>Catalog Number</b>	orb5651
<b>Category</b>	Antibodies
<b>Description</b>	Phospho-BTK (Tyr223) Rabbit Polyclonal Antibody
<b>Target</b>	BTK
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse, Rabbit
<b>Predicted Reactivity</b>	Bovine, Equine, Porcine, Rat
<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 Btk around the phosphorylation site of Tyr223 AL(p-Y)DY
<b>UniProt ID</b>	<b>Q06187</b>

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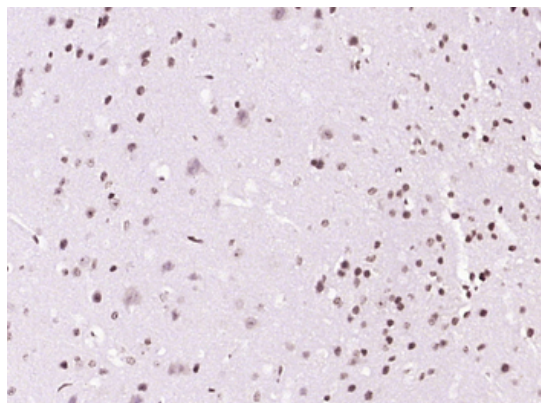
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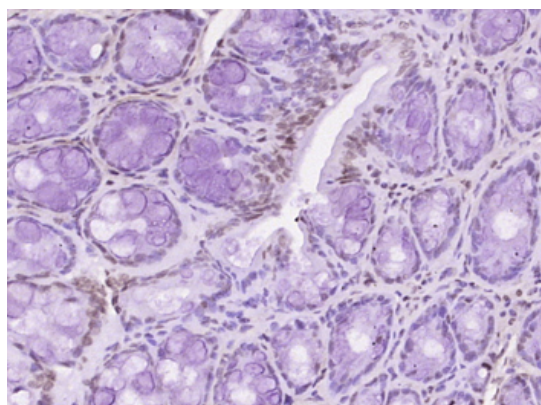
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<b>RRID</b>	AB_10932256
<b>MW</b>	76 kDa
<b>Tested applications</b>	ELISA, FC, IF, IHC-Fr, IHC-P
<b>Dilution range</b>	IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500, Flow-Cyt=1ug/test, ELISA=1:5000-10000
<b>Antibody Type</b>	Primary Antibody
<b>Storage</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.



Paraformaldehyde-fixed, paraffin embedded (Mouse brain), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (Phospho-BTK (Tyr223)) Polyclonal Antibody, Unconjugated (orb5651) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Mouse colon), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (Phospho-BTK (Tyr223)) Polyclonal Antibody, Unconjugated (orb5651) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

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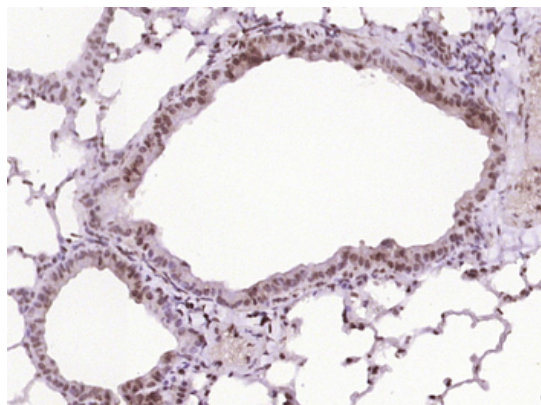
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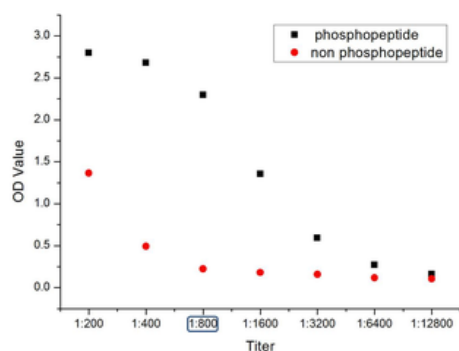
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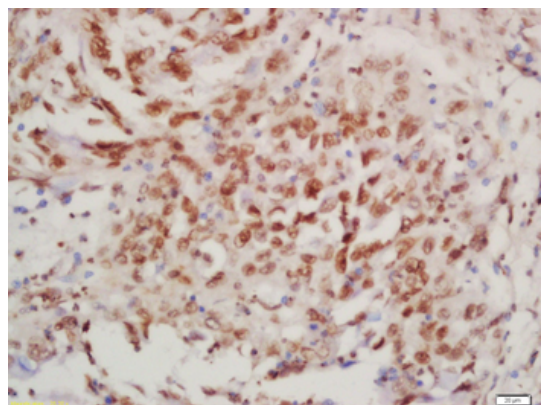
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Paraformaldehyde-fixed, paraffin embedded (Mouse lung), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (Phospho-BTK (Tyr223)) Polyclonal Antibody, Unconjugated (orb5651) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



phosphopeptide, non phosphopeptide.



Tissue/Cell: human lung carcinoma, 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-BTK (Tyr223) Polyclonal Antibody, Unconjugated (orb5651) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

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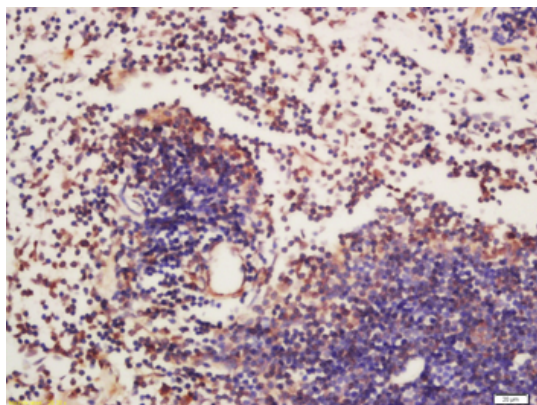
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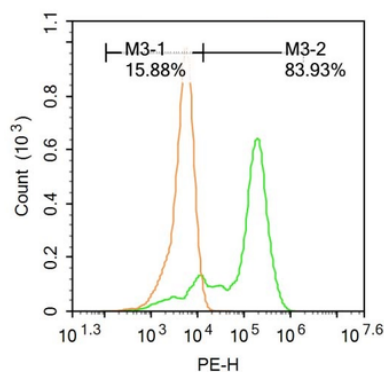
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Tissue/Cell: mouse spleen tissue, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH6.0), Boiling bathing for 15 min, Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-Phospho-BTK (Tyr223) Polyclonal Antibody, Unconjugated (orb5651) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.



U-937 cells were fixed with 4% PFA for 10 min at room temperature, permeabilized with 90% ice-cold methanol for 20 min at room temperature, and incubated in 5% BSA blocking buffer for 30 min at room temperature. Cells were then stained with Phospho-BTK (Tyr223) Antibody (orb5651) at 1:100 dilution in blocking buffer and incubated for 30 min at room temperature, washed twice with 2% BSA in PBS, followed by secondary antibody incubation for 40 min at room temperature. Acquisitions of 20000 events were performed. Cells stained with primary antibody (green), and isotype control (orange).

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