

## Product Datasheet

# Phospho-YB1 (Ser102) Rabbit Polyclonal Antibody (orb5632)

<b>Catalog Number</b>	orb5632
<b>Category</b>	Antibodies
<b>Description</b>	Phospho-YB1 (Ser102) Rabbit Polyclonal Antibody
<b>Target</b>	YBX1
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse, Rabbit, Rat
<b>Predicted Reactivity</b>	Bovine, Canine, Equine, Gallus, Guinea pig, 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 YB1 around the phosphorylation site of Ser102 LR(p-S)VG
<b>UniProt ID</b>	<b>P67809</b>

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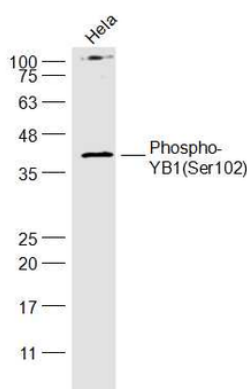
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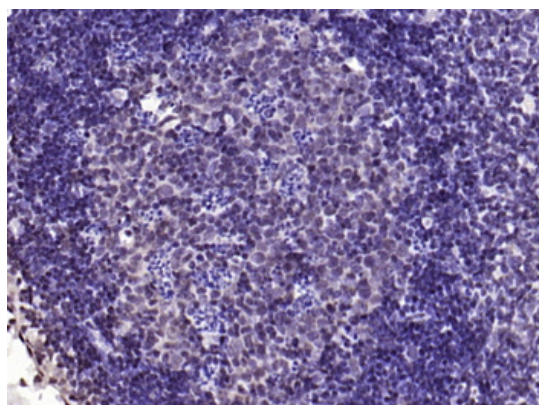
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<b>RRID</b>	AB_10929451
<b>MW</b>	36 kDa
<b>Tested applications</b>	ELISA, ICC, IF, IHC-Fr, IHC-P, WB
<b>Dilution range</b>	WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, ICC/IF=1:100-500, IF=1:100-500, ELISA=1:5000-10000
<b>Antibody Type</b>	Primary 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.



Sample: HeLa (human) Cell Lysate at 30 ug, Primary: Anti-Phospho-YB1 (Ser102) (orb5632) at 1/300 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 36 kD, Observed band size: 36 kD.



Paraformaldehyde-fixed, paraffin embedded (mouse lymphoid), 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-YB1 (Ser102)) Polyclonal Antibody, Unconjugated (orb5632) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

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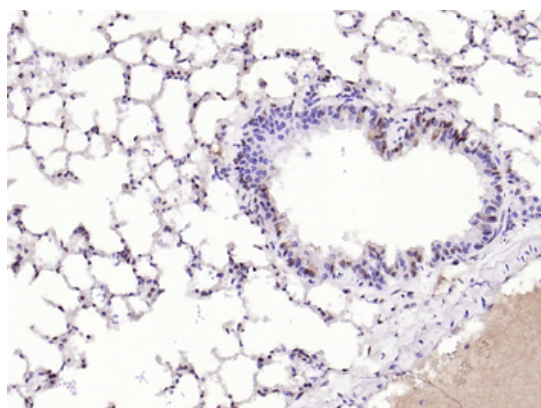
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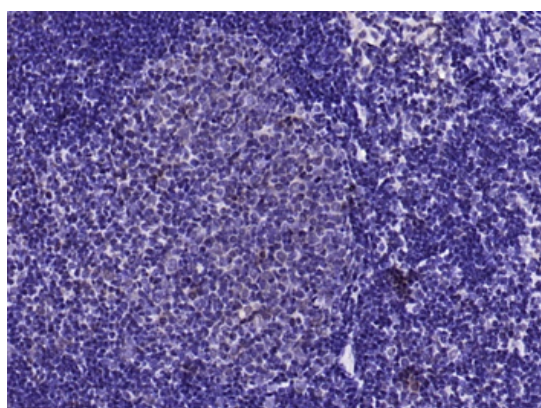
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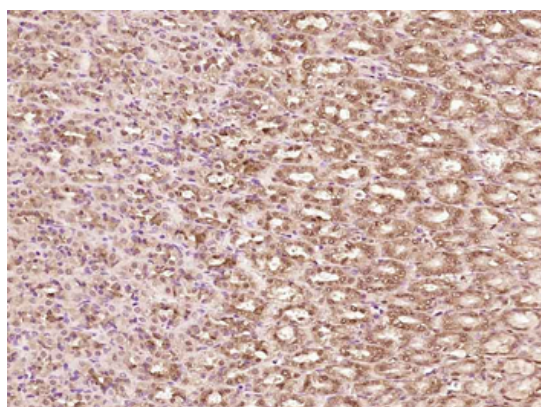
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Paraformaldehyde-fixed, paraffin embedded (rat lung), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (Phospho-YB1 (Ser102)) Polyclonal Antibody, Unconjugated (orb5632) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat lymphoid), 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-YB1 (Ser102)) Polyclonal Antibody, Unconjugated (orb5632) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Rat stomach), 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-YB1 (Ser102)) Polyclonal Antibody, Unconjugated (orb5632) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

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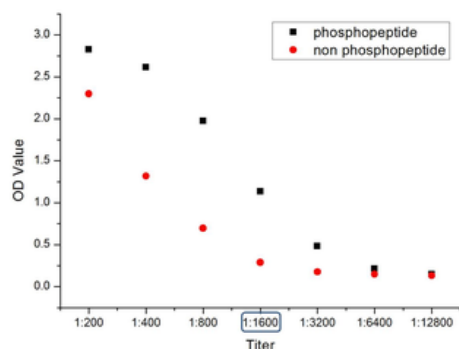
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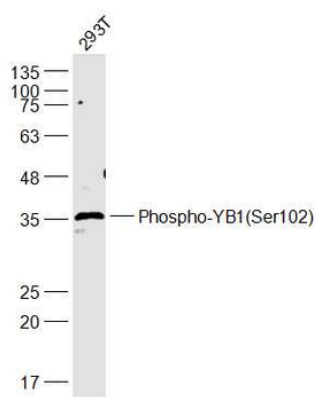
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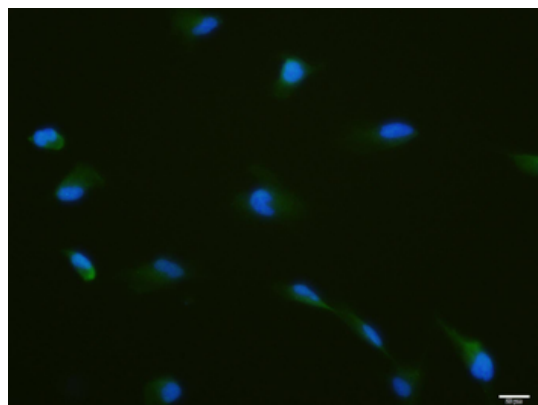
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phosphopeptide, non phosphopeptide.



Sample: 293T (Human) Cell Lysate at 30 ug, Primary: Anti-Phospho-YB1 (Ser102) (orb5632) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 36 kD, Observed band size: 36 kD.



U251 cell, 4% Paraformaldehyde-fixed, Triton X-100 at room temperature for 20 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Antibody incubation with (Phospho-YB1 (Ser102)) polyclonal Antibody, Unconjugated (orb5632) 1:100, 90 minutes at 37°C, followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue) was used to stain the cell nuclei.

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