

Product Datasheet

Phospho-STAT3 (Tyr705) Rabbit Polyclonal Antibody (orb608174)

Catalog Number	orb608174
Category	Antibodies
Description	Phospho-STAT3 (Tyr705) Rabbit Polyclonal Antibody
Target	STAT3
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Predicted Reactivity	Bovine, Canine, Gallus, Guinea pig, Porcine, Rabbit, Rat, Sheep
Form/Appearance	Liquid
Concentration	1mg/ml
Buffer/Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Purification	Affinity purified by Protein A
Immunogen	KLH conjugated Synthesised phosphopeptide derived from human STAT3 around the phosphorylation site of Tyr705 AP(p-Y)LK
UniProt ID	P40763

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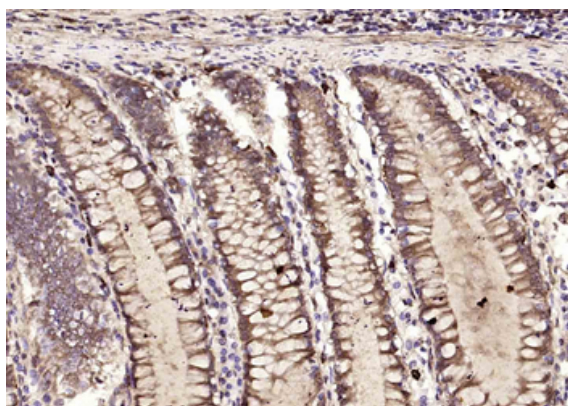
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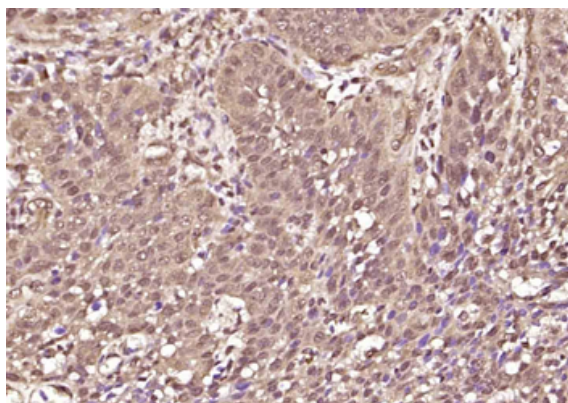
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MW	85 kDa
Tested applications	IF, IHC-Fr, IHC-P
Dilution range	IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Paraformaldehyde-fixed, paraffin embedded (human colon carcinoma), 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-STAT3 (Tyr705)) Polyclonal Antibody, Unconjugated (orb608174) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human laryngeal carcinoma), 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-STAT3 (Tyr705)) Polyclonal Antibody, Unconjugated (orb608174) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

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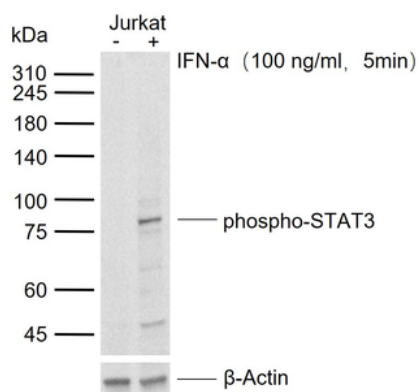
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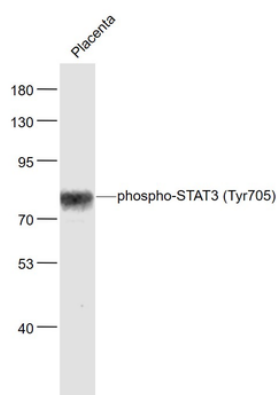
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Sample: Lane 1: Human Jurkat cell lysates, Lane 2: Jurkat treated with IFN- α (100 ng/ml, 5 min), Primary: Anti-phospho-STAT3 (Tyr705) (orb608174) at 1/500 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 85 kDa, Observed band size: 80 kDa.



Sample: Placenta (Mouse) Lysate at 40 ug, Primary: Anti-phospho-STAT3 (Tyr705) (orb608174) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 85 kD, Observed band size: 80 kD.

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