

Product Datasheet

STAT3 Mouse Monoclonal Antibody (orb500764)

Description	STAT3 Mouse Monoclonal Antibody
Species/Host	Mouse
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Tested Applications	IF, IHC-Fr, IHC-P, WB
Immunogen	Recombinant human STAT3 Protein (9-265/770aa)
Target	STAT3
Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Form/Appearance	Liquid
Concentration	1mg/ml
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
Isotype	IgG
Clonality	Monoclonal
Clone Number	3F5
Antibody Type	Primary Antibody
MW	88 kDa
Uniprot ID	P40763

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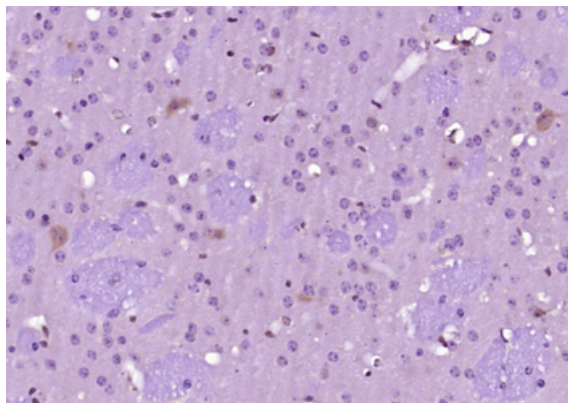
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Cambridge, CB5 8LA, United Kingdom
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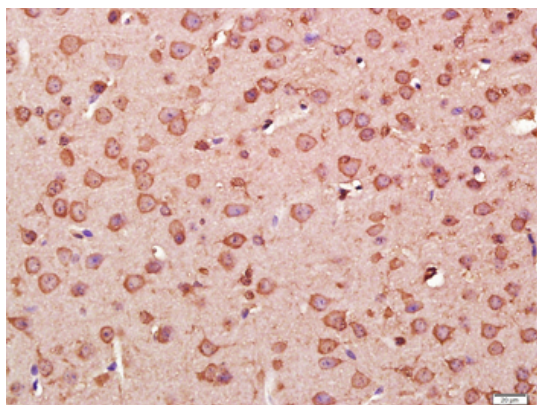
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Dilution Range WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500

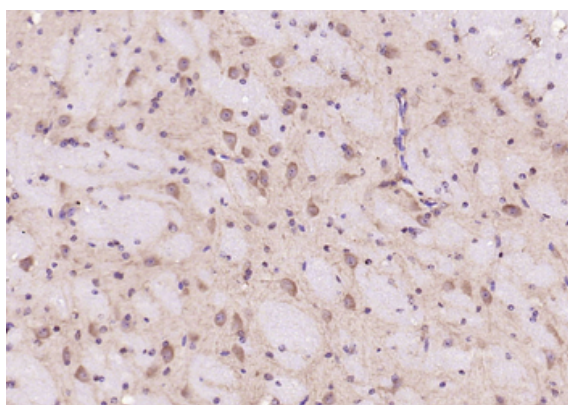
Expiration Date 12 months from date of receipt.



Paraformaldehyde-fixed, paraffin embedded (mouse brain tissue), 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 (STAT3) Monoclonal Antibody, Unconjugated (ascites of orb500764) at 1:2000 overnight at 4°C, followed by a conjugated secondary for 20 minutes and DAB staining.



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 (STAT3) Monoclonal Antibody, Unconjugated (orb500764) at 1:400 overnight at 4°C, followed by a conjugated secondary for 20 minutes and DAB staining.



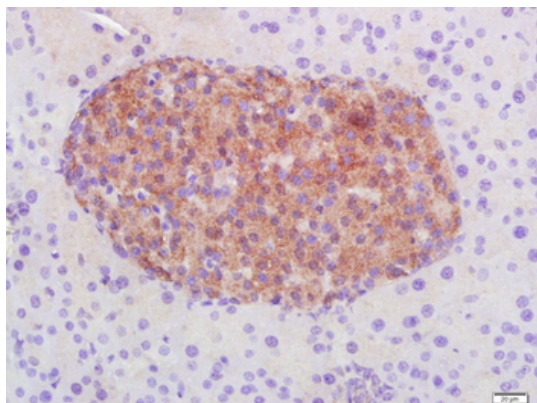
Paraformaldehyde-fixed, paraffin embedded (mouse brain), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (STAT3) Polyclonal Antibody, Unconjugated (orb500764) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.

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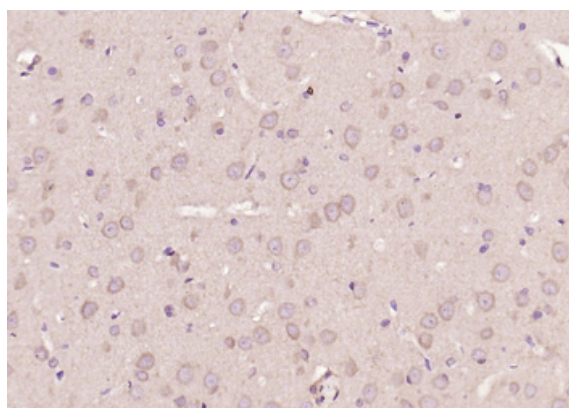
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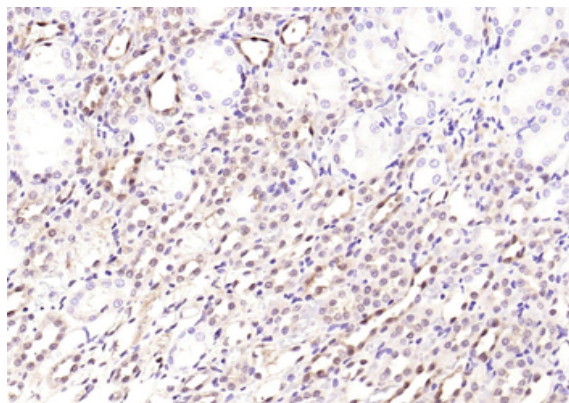
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Paraformaldehyde-fixed, paraffin embedded (Mouse pancreas), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (STAT3) Monoclonal Antibody, Unconjugated (orb500764) at 1:400 overnight at 4°C, followed by a conjugated secondary for 20 minutes and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat 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 (STAT3) Polyclonal Antibody, Unconjugated (orb500764) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.



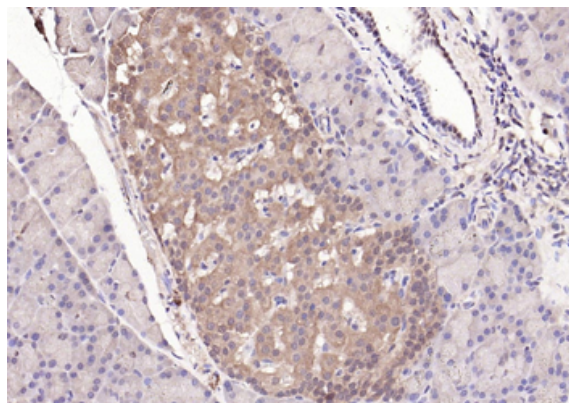
Paraformaldehyde-fixed, paraffin embedded (rat kidney), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (STAT3) Monoclonal Antibody, Unconjugated (ascites of orb500764 3F5) at 1:2000 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.

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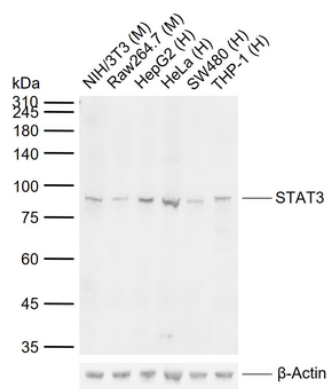
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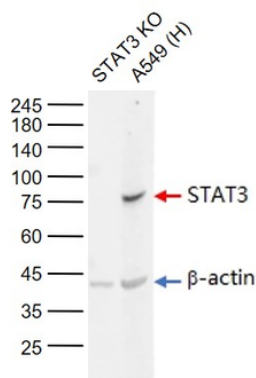
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Paraformaldehyde-fixed, paraffin embedded (rat pancreas), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (STAT3) Polyclonal Antibody, Unconjugated (orb500764) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.



Sample: Lane 1: Mouse NIH/3T3 cell lysates, Lane 2: Mouse Raw264.7 cell lysates, Lane 3: Human HepG2 cell lysates, Lane 4: Human HeLa cell lysates, Lane 5: Human SW480 cell lysates, Lane 6: Human THP-1 cell lysates, Primary: Anti-STAT3 (orb500764) at 1/500 dilution, Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution, Predicted band size: 88 kDa, Observed band size: 88 kDa.



Sample: Lane 1: STAT3 knockout (KO) A549 Cell Lysate, Lane 2: Human A549 Cell (Control) Lysate, Primary: Anti-STAT3 (orb500764) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution, Predicted band size: 88 kD, Observed band size: 88 kD.

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