

Product Datasheet

Phospho-STAT3(S727) Antibody (orb1931219)

Catalog Number	orb1931219
Category	Antibodies
Description	Phospho-STAT3(S727) Antibody
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	Rabbit IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Form/Appearance	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
UniProt ID	P40763
MW	88068 Da
Tested applications	IF, IHC-P, WB
Dilution range	IF - 1:100
Specificity	This STAT3 Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding S727 of human STAT3.
Antibody Type	Primary Antibody

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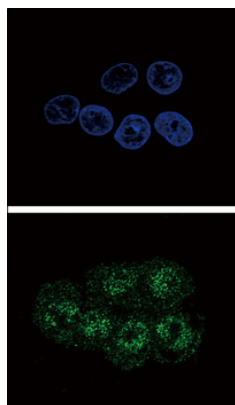
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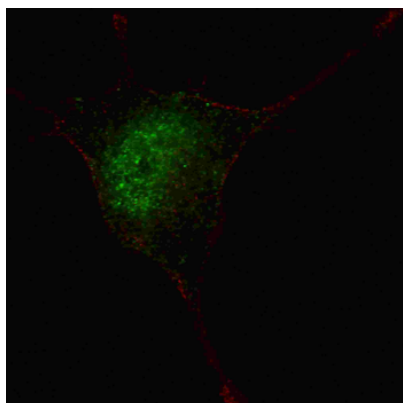
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Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
Note	For research use only
Expiration Date	12 months from date of receipt.



Confocal immunofluorescent analysis of Phospho-STAT3-S727 Antibody with HepG2 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



Fluorescent confocal image of SY5Y cells stained with phospho-STAT3-S727 antibody. SY5Y cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.2%, 30 min). Cells were then incubated with phospho-STAT3-S727 primary antibody (1:100, 2 h at room temperature). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:1000, 1 h). Nuclei were counterstained with Hoechst 33342 (blue) (10 µg/ml, 5 min).

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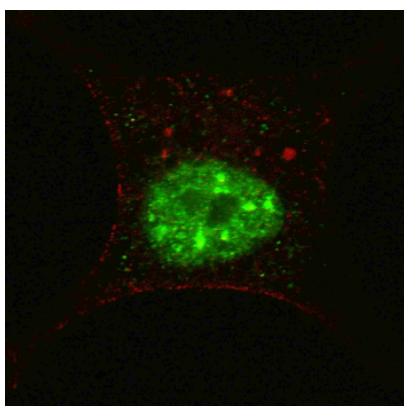
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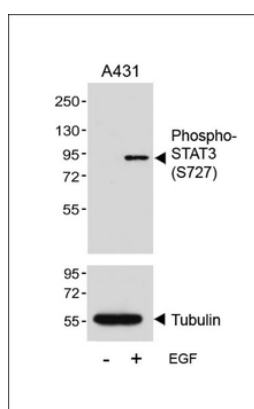
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Fluorescent confocal image of SY5Y cells stained with phospho-STAT3-S727 antibody. SY5Y cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.2%, 30 min). Cells were then incubated with phospho-STAT3-S727 primary antibody (1:200, 2 h at room temperature). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:1000, 1 h). Nuclei were counterstained with Hoechst 33342 (blue) (10 µg/ml, 5 min).



Western blot analysis of lysates from A431 cell line, untreated or treated with EGF, 100ng/ml, 5min, using Phospho-STAT3 (S727) Antibody (upper) or tubulin (lower).

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