

Product Datasheet

Phospho-STAT5a(Y694) Antibody (orb1931216)

Description	Affinity Purified Rabbit Polyclonal Antibody (Pab)
Species/Host	Rabbit
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	IF, IHC-P, WB
Target	This STAT5a Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding Y694 of human STAT5a.
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.
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	Rabbit IgG
Clonality	Polyclonal
Clone Number	RB5956
Antibody Type	Primary Antibody
MW	90647 Da
Uniprot ID	P42229
NCBI	NP_003143.2

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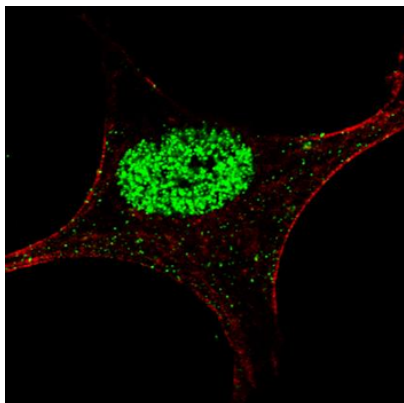
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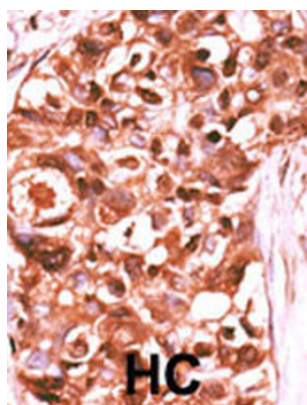
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Dilution Range IF: 1:200, WB: 1:1000, IHC-P: 1:50~100

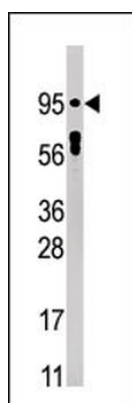
Expiration Date 12 months from date of receipt.



Fluorescent confocal image of an SY5Y cell stained with Phospho-STAT5a antibody. SY5Y cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.2%, 30 min), then incubated with Phospho-STAT5a 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). Cytoplasmic actin was counterstained with Alexa Fluor 555 (red) conjugated Phalloidin (5.25 μ M, 25 min). Nuclei were counterstained with Hoechst 33342 (blue) (10 μ g/ml, 3 min) (not shown). Phospho-STAT5a immunoreactivity is localized exclusively to the nucleus.



Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



Western blot analysis of anti-Phospho-STAT5 Pab in HepG2 cell line lysate (35 ug/lane). Phospho-STAT5 (arrow) was detected using the purified Pab.

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