[pTyr^{695}/Tyr^{699}]Stat5 A/B monoclonal antibody (5G4)

Stats (Signal transducers and activators of transcription) are a family of cytoplasmic latent transcription factors that are activated to regulate gene expression in response to a large number of extracellular signaling polypeptides including cytokines, interferons, and growth factors. After phosphorylation by JAK tyrosine kinases, Stats enter the nucleus to regulate transcription of many different genes.

This antibody is covered by our Worry-Free Guarantee.

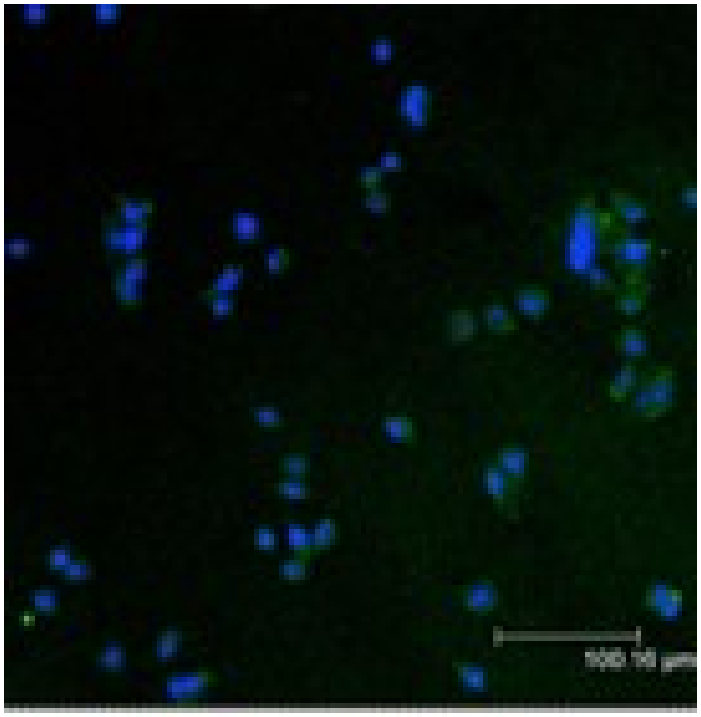
Ordering Information

Order Online »

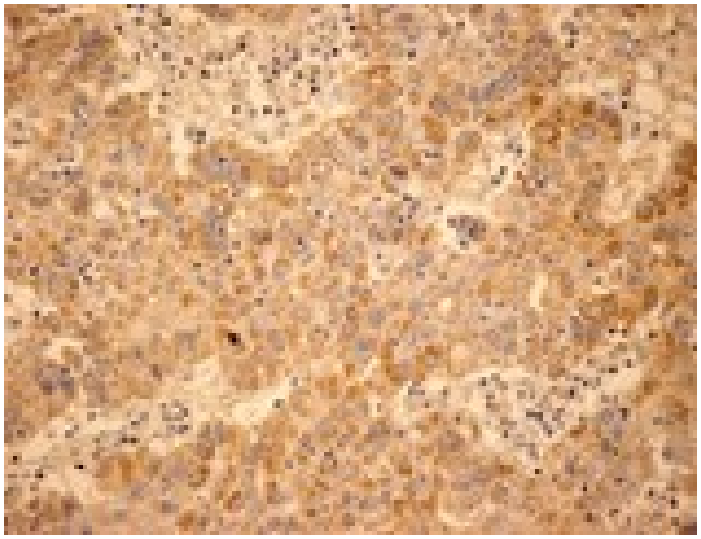
ADI-905-673-100	100µg

Manuals, SDS & CofA

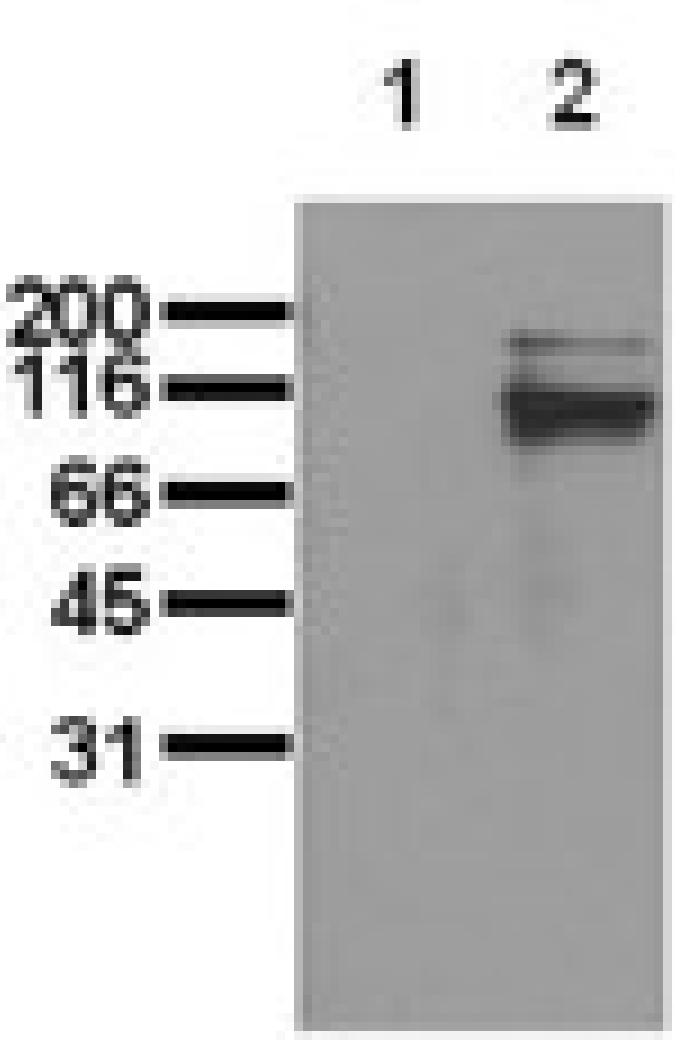
View Online »



Immunofluorescent analysis (confocal) staining of MCF-7 cells using Stat5A/B (pTyr694/699) mAb (5G4) (green); nuclei are stained in blue pseudocolor using DRAQ5.



Immunohistochemistry analysis of human hepatoma tissue with Stat5A/B (pTyr694/699) mAb (5G4).



Western blot analysis of untreated (1) and pervanadate treated (2) MCF-7 cells, probed with Stat5A/B (pTyr694/699) mAb (5G4).

Handling & Storage

Use/Stability	Stable at -20°C up to 1 year.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Signal transducer and activator of transcription 5A/B
Application	ELISA, ICC, IHC, WB
Clone	5G4
Formulation	Liquid. In PBS containing 50% glycerol, PEG, sucrose, and 0.09% sodium azide.
Host	Mouse
Immunogen	Synthetic peptide corresponding to a portion of Stat5A/B phosphorylated at Tyr695/699.
Isotype	IgG1
Purity Detail	Thiophilic adsorption and size exclusion chromatography purified.
Recommendation Dilutions/Conditions	ELISA (0.05µg/ml)Immunohistochemistry (1:50)Western Blot (0.5µg/ml, ECL)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.
Species Reactivity	Human
UniProt ID	P42229 (STAT5A), P51692 (STAT5B)
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee .**

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