

# Product Datasheet

## STAT5A [p Tyr694] Antibody (SC05-31) NBP2-67590

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-67590**

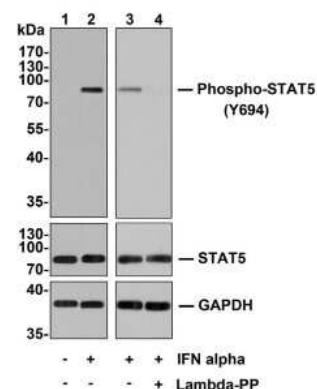
STAT5A [p Tyr694] Antibody (SC05-31)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SC05-31
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol
Product Description	
Host	Rabbit
Gene Symbol	STAT5A
Species	Human, Mouse
Immunogen	Synthetic phospho-peptide corresponding to residues surrounding Tyr694 of human STAT5A. (SwissProt: P42229 Human; SwissProt: P51692 Human; SwissProt: P42230 Mouse; SwissProt: P42232 Mouse)
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:1000-1:2000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:50-1:100

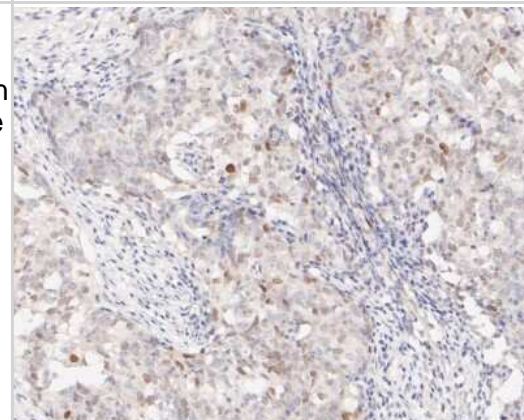


## Images

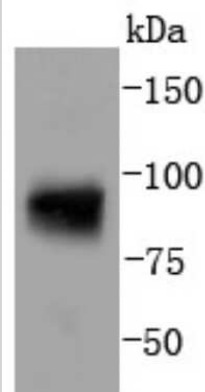
Western Blot: STAT5A [p Tyr694] Antibody (SC05-31) [NBP2-67590] - Analysis of STAT5A [p Tyr694] on Hela cell lysates. Lane 1: Hela cells, whole cell lysate, 10ug/lane Lane 2/3: Hela cells treated with 100ng/mL IFN alpha for 60 minutes, whole cell lysates, 10ug/lane Lane 4: Hela cells treated with 100ng/mL IFN alpha for 60 minutes, then treated with 2.8ug/ul lambda-PP for 30 minutes, whole cell lysates, 10ug/lane All lanes : Anti-STAT5A [p Tyr694] antibody at 1:500 dilution. Anti-STAT5 antibody at 1:500 dilution. Anti-GAPDH antibody at 1:10,000 dilution. Goat Anti-Rabbit IgG H&L (HRP) at 1/200,000 dilution. Predicted band size: 91 kDa Observed band size: 91 kDa Blocking and diluting buffer: 5% BSA. Exposure time: 2 minutes 2 seconds



Immunohistochemistry-Paraffin: STAT5A [p Tyr694] Antibody (SC05-31) [NBP2-67590] - Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using anti-STAT5A antibody. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (ET1610-48, 1/50) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Western Blot: STAT5A [p Tyr694] Antibody (SC05-31) [NBP2-67590] - Analysis of Phospho-Stat5(Y694) on mouse liver lysates using anti-Phospho-Stat5(Y694) antibody at 1/1,000 dilution.





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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