

# Product Datasheet

## STAT3 [p Tyr705] Antibody

### NB100-82213

Unit Size: 0.05 ml

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

[www.novusbio.com](http://www.novusbio.com)



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Updated 9/9/2025 v.20.1

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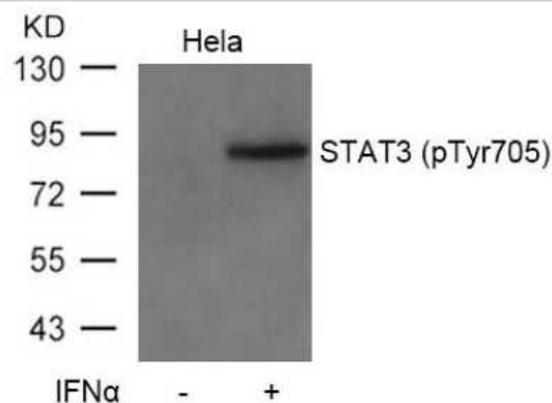


**NB100-82213****STAT3 [p Tyr705] Antibody**

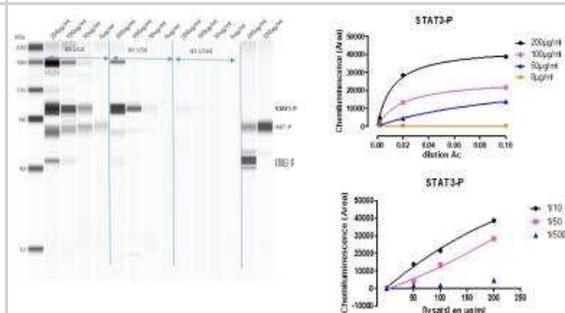
<b>Product Information</b>	
<b>Unit Size</b>	0.05 ml
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS, 50% glycerol, 0.5% BSA
<b>Target Molecular Weight</b>	88 kDa
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit STAT3 [p Tyr705] Antibody (NB100-82213) is a polyclonal antibody validated for use in IHC, WB, ICC/IF, Simple Western and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	6774
<b>Gene Symbol</b>	STAT3
<b>Species</b>	Human, Mouse, Rat
<b>Specificity/Sensitivity</b>	Detects endogenous levels of STAT3 only when phosphorylated at tyrosine 705.
<b>Immunogen</b>	The antiserum was produced against synthesized phosphopeptide derived from human STAT3 around the phosphorylation site of tyrosine 705 (A-P-YP-L-K).
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:500-1:2000, Simple Western, Immunohistochemistry 1:100-1:300, Immunocytochemistry/ Immunofluorescence 1:50-200, Immunoprecipitation 2-5 ug/mg lysate, Immunohistochemistry-Paraffin 1:50 - 1:100
<b>Application Notes</b>	This STAT3 [p Tyr705] Antibody is validated for Simple Western from a verified customer review. See <a href="#">Simple Western Antibody Database</a> for Simple Western validation

## Images

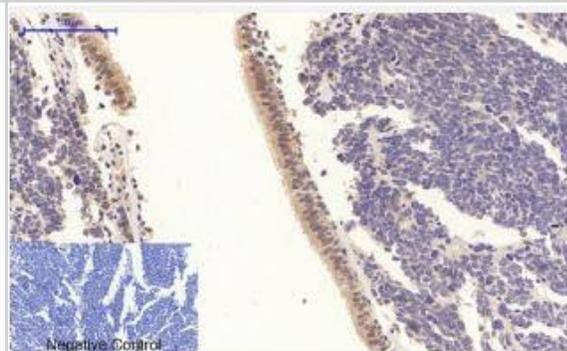
Western Blot: STAT3 [p Tyr705] Antibody [NB100-82213] - Analysis of extracts from Hela cells untreated or treated with IFN $\alpha$  using STAT3



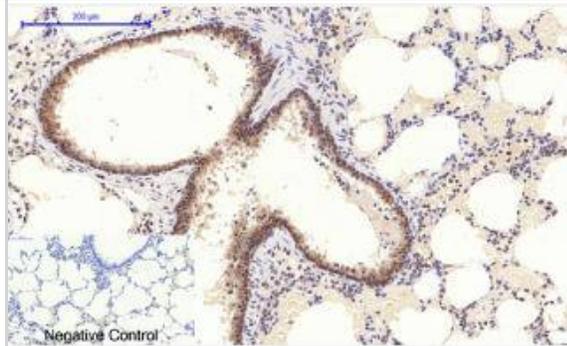
Simple Western: STAT3 [p Tyr705] Antibody [NB100-82213] - STAT3-P assay on mouse megakaryocyte lysates. Simple Western image submitted by a verified customer review.



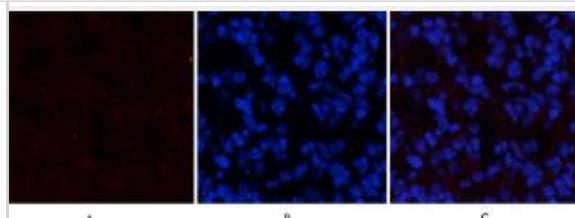
Immunohistochemistry-Paraffin: STAT3 [p Tyr705] Antibody [NB100-82213] - Immunohistochemical analysis of paraffin-embedded Human-lung-cancer tissue.



Immunohistochemistry-Paraffin: STAT3 [p Tyr705] Antibody [NB100-82213] - Immunohistochemical analysis of paraffin-embedded Rat-lung tissue.



Immunohistochemistry: STAT3 [p Tyr705] Antibody [NB100-82213] -  
Immunofluorescence analysis of mouse-spleen tissue.



A

B

C





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### Products Related to NB100-82213

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NBL1-16525	STAT3 Overexpression Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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