

# Product Datasheet

## STAT5A Antibody (OT19F7)

### NBP2-00622

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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



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**NBP2-00622****STAT5A Antibody (OTI9F7)**

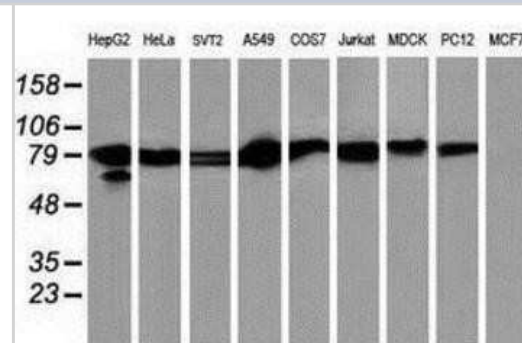
<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	0.73 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	OTI9F7
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
<b>Target Molecular Weight</b>	90.5 kDa

<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	6776
<b>Gene Symbol</b>	STAT5A
<b>Species</b>	Human, Mouse, Rat, Canine, Primate, Monkey
<b>Reactivity Notes</b>	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
<b>Immunogen</b>	Full length human recombinant protein of human STAT5A (NP_003143) produced in HEK293T cell.

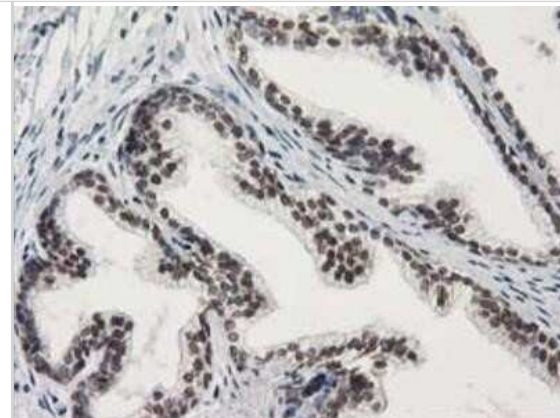
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:500-2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:150

**Images**

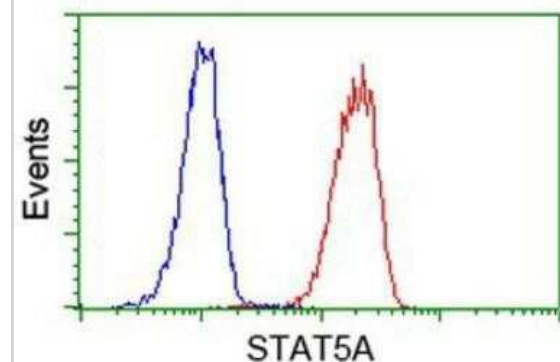
Western Blot: STAT5A Antibody (OTI9F7) [NBP2-00622] - Analysis of extracts (35ug) from 9 different cell lines by using anti-STAT5A monoclonal antibody.



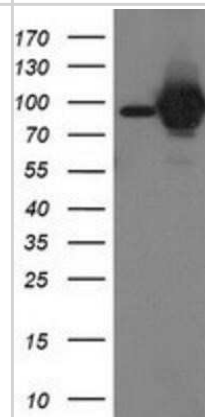
Immunohistochemistry-Paraffin: STAT5A Antibody (OTI9F7) [NBP2-00622] - Staining of paraffin-embedded Human prostate tissue using anti-STAT5A mouse monoclonal antibody.



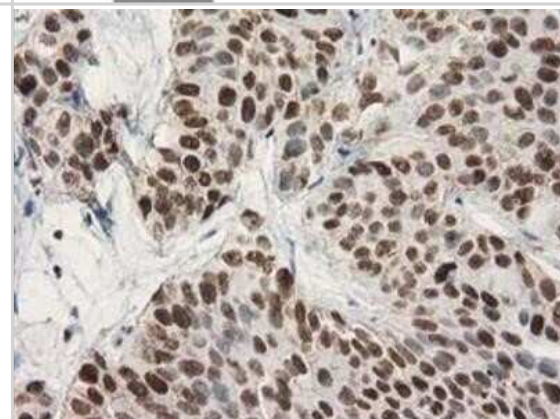
Flow Cytometry: STAT5A Antibody (OTI9F7) [NBP2-00622] - Analysis of Jurkat cells, using anti-STAT5A antibody, (Red), compared to a nonspecific negative control antibody (Blue).



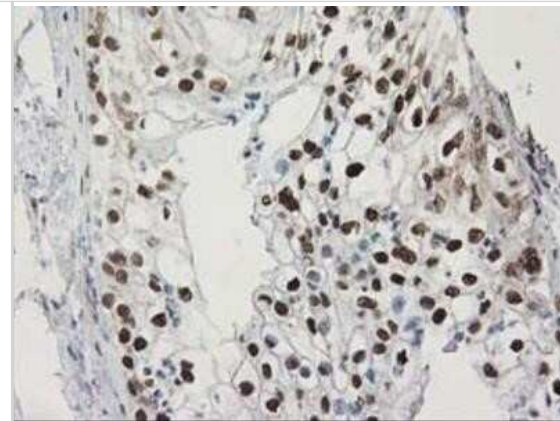
Western Blot: STAT5A Antibody (OTI9F7) [NBP2-00622] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY STAT5A (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-STAT5A.



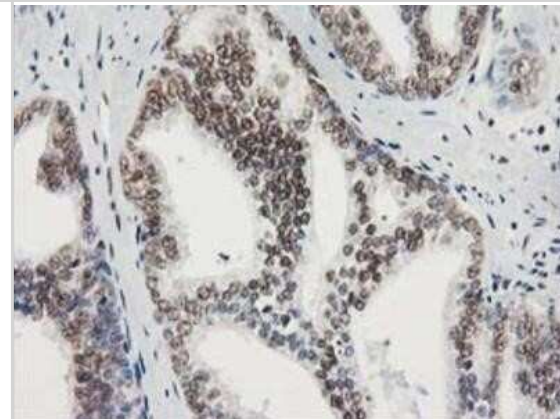
Immunohistochemistry-Paraffin: STAT5A Antibody (OTI9F7) [NBP2-00622] - Staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-STAT5A mouse monoclonal antibody.



Immunohistochemistry-Paraffin: STAT5A Antibody (OTI9F7) [NBP2-00622] - Staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-STAT5A mouse monoclonal antibody.



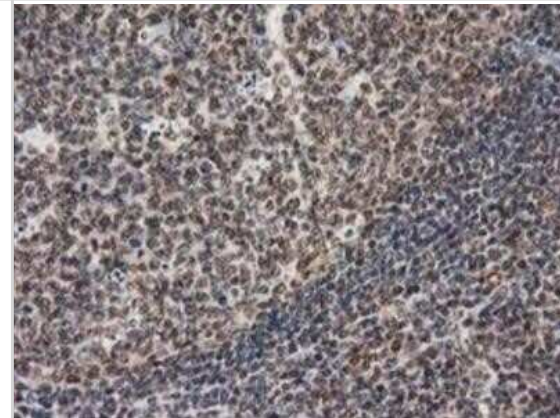
Immunohistochemistry-Paraffin: STAT5A Antibody (OTI9F7) [NBP2-00622] - Staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-STAT5A mouse monoclonal antibody.



Immunohistochemistry-Paraffin: STAT5A Antibody (OTI9F7) [NBP2-00622] - Staining of paraffin-embedded Human Kidney tissue using anti-STAT5A mouse monoclonal antibody.



Immunohistochemistry-Paraffin: STAT5A Antibody (OTI9F7) [NBP2-00622] - Staining of paraffin-embedded Human lymph node tissue using anti-STAT5A mouse monoclonal antibody.

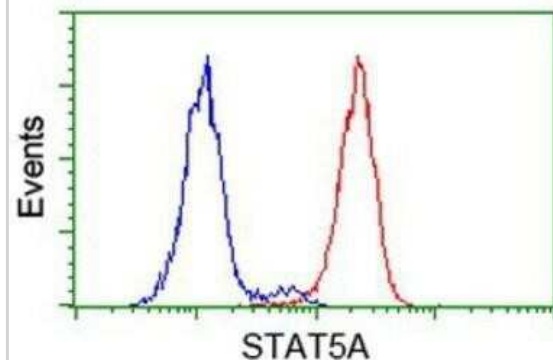




Immunohistochemistry-Paraffin: STAT5A Antibody (OTI9F7) [NBP2-00622] - Staining of paraffin-embedded Human lymphoma tissue using anti-STAT5A mouse monoclonal antibody.



Flow Cytometry: STAT5A Antibody (OTI9F7) [NBP2-00622] - Analysis of HeLa cells, using anti-STAT5A antibody, (Red), compared to a nonspecific negative control antibody (Blue).



## Publications

Olszewska B, Zawrocki A, Lakomy J et al. Mapping signal transducer and activator of transcription (STAT) activity in different stages of mycosis fungoides and Sezary syndrome *Int. J. Dermatol.* 2020-07-08 [PMID: 32643174]

Slawinska M, Lakomy J, Biernat W et al. STAT3, STAT5A, STAT5B, STAT6 proteins are overexpressed in human basal cell carcinoma *Clin. Exp. Dermatol.* 2019-07-19 [PMID: 31323143] (IF/IHC, Human)



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### **Products Related to NBP2-00622**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
H00006776-P01-10ug	Recombinant Human STAT5A GST (N-Term) Protein

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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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