

# Product Datasheet

## STAT4 Antibody (10H1009)

### NBP3-16425-100ul

Unit Size: 100 ul

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

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**NBP3-16425-100ul**

STAT4 Antibody (10H1009)

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	10H1009
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA
Target Molecular Weight	86 kDa

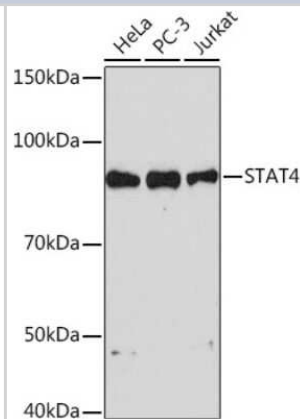
Product Description	
Description	Novus Biologicals Rabbit STAT4 Antibody (10H1009) (NBP3-16425) is a recombinant monoclonal antibody validated for use in WB, ELISA, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	6775
Gene Symbol	STAT4
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 649-748 of human STAT4 (NP_003142.1). MAENIPENPLKYLYPDIPKDKAFGKHYSSQPCEVSRPTERGDKGYVPSVFIPIST IRSDSTEPHSPDLLPMSPSVYAVLRENLSPTTIETAMKSPYSAE

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500 - 1:1000, ELISA Recommended starting concentration is 1 µg/mL, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200



**Images**

Western Blot: STAT4 Antibody (10H10O9) [NBP3-16425] - Western blot analysis of extracts of various cell lines, using STAT4 Rabbit mAb (NBP3-16425) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



Immunocytochemistry/Immunofluorescence: STAT4 Antibody (10H10O9) [NBP3-16425] - Immunofluorescence analysis of C6 cells using STAT4 Rabbit mAb (NBP3-16425) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

Immunocytochemistry/ Immunofluorescence: STAT4 Antibody (10H10O9) [NBP3-16425] - Immunofluorescence analysis of NIH-3T3 cells using STAT4 Rabbit mAb at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



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### **Products Related to NBP3-16425-100ul**

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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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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