

# Product Datasheet

## PSTAIR Antibody (PSTAIR)

### NB120-10345

Unit Size: 0.1 ml

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

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



[technical@novusbio.com](mailto:technical@novusbio.com)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NB120-10345](http://www.novusbio.com/NB120-10345)

Updated 10/23/2016 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NB120-10345](http://www.novusbio.com/reviews/destination/NB120-10345)

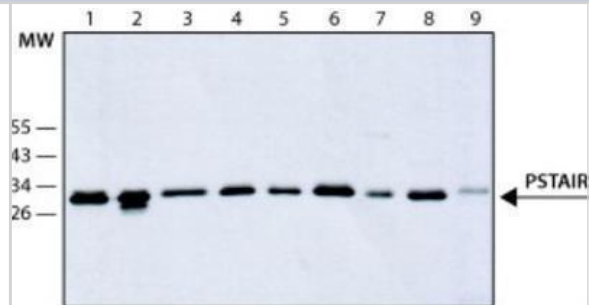


**NB120-10345****PSTAIR Antibody (PSTAIR)**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	This product is unpurified. The exact concentration of antibody is not quantifiable.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	PSTAIR
<b>Preservative</b>	0.1% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Unpurified
<b>Buffer</b>	Raw ascites
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Species</b>	Human, Mouse, Avian, Plant, Primate, Xenopus
<b>Reactivity Notes</b>	Cross-reacts with human, monkey, mouse, Japanese quail, fish (goldfish, carp, eel, starfish, and amago salmon), Xenopus, ciliates, and plants (lily and onion). Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
<b>Specificity/Sensitivity</b>	PSTAIR (PSTAIR)
<b>Immunogen</b>	Synthetic peptide: EGV PSTAIREISLLKE conjugated to BSA.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:100-1:2000, ELISA 1:100-1:2000, Immunoprecipitation 1:10-1:500
<b>Application Notes</b>	ELISA: Use at an assay dependent dilution. IP: Use at an assay dependent dilution. It cannot precipitate p34cdc2; when it is complexed with cyclin B.WB: Use at a dilution of 1/4000 (determined by indirect blotting using COS-7 cell extract). The antibody recognises 31-34kD proteins (1-4) bands. Monoclonal Anti-PSTAIR may be used for the localization of cyclin-dependent kinases, containing the PSTAIR motif. Not tested in other applications. Optimal dilutions/concentrations should be determined by the end user.

## Images

Western Blot: PSTAIR Antibody (PSTAIR) [NB120-10345] - Cell line lysates were separated on SDS-PAGE and probed with 1:500 Monoclonal Anti-PSTAIR Clone:PSTAIR. The antibody was developed using Goat Anti-Mouse IgG-Peroxidase and a chemiluminescent substrate. Lanes 1. HEK-293T 2. HeLa 3. SK-N-SH 4. SH-SY5Y 5. U87 6. COS7 7. PC12 8. Neuro-2a 9. Arabidopsis





### **Novus Biologicals USA**

8100 Southpark Way, A-8  
Littleton, CO 80120  
USA

Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
novus@novusbio.com

### **Novus Biologicals Canada**

461 North Service Road West, Unit B37  
Oakville, ON L6M 2V5  
Canada

Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada@novusbio.com

### **Novus Biologicals Europe**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: technical@novusbio.com  
Orders: orders@novusbio.com  
General: novus@novusbio.com

### **Products Related to NB120-10345**

---

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005	Mouse IgG1 Isotype Control

---

### **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)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NB120-10345](http://www.novusbio.com/reviews/submit/NB120-10345)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

