

# Product Datasheet

## PSTAIR Antibody (PSTAIR)

### NB120-10345

Unit Size: 0.1 ml

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

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Updated 9/9/2025 v.20.1

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**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>Description</b>	Novus Biologicals Mouse PSTAIR Antibody (PSTAIR) (NB120-10345) is a monoclonal antibody validated for use in WB, ELISA and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
<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





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

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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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