

# Product Datasheet

## PU.1/Spi-1 Antibody NBP1-00135

Unit Size: 0.1 mg

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

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**NBP1-00135**

PU.1/Spi-1 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat PU.1/Spi-1 Antibody (NBP1-00135) is a polyclonal antibody validated for use in IHC, WB, ELISA and Flow. Anti-PU.1/Spi-1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	6688
Gene Symbol	SPI1
Species	Human
Specificity/Sensitivity	This antibody is expected to recognise both reported isoforms (NP_001074016.1; NP_003111.2).
Immunogen	Peptide with sequence C-DLYQRQTHEY Y corresponding to internal region according to NP_001074016.1, NP_003111.2.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Western Blot 0.03 ug/ml, Flow Cytometry 1:10-1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA Detection limit 1:32000
Application Notes	WB: Approx. 40 kDa band observed in lysates of DAUDI and K562 is reported in scientific literature (PMID: 10867017).

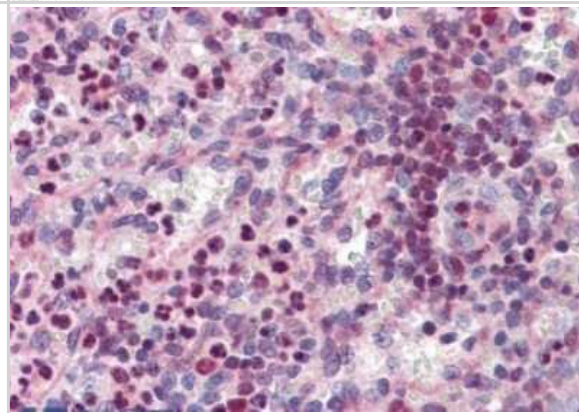


## Images

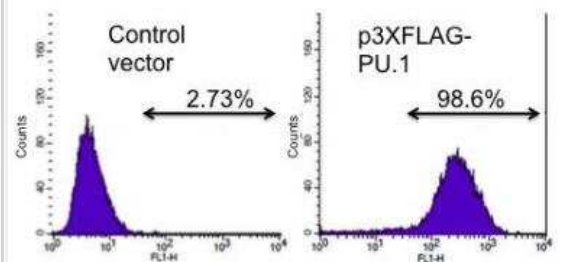
Western Blot: PU.1/Spi-1 Antibody [NBP1-00135] - (0.03ug/ml) Analysis of DAUDI lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa

Immunohistochemistry-Paraffin: PU.1/Spi-1 Antibody [NBP1-00135] - (3.75ug/ml) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Flow Cytometry: PU.1/Spi-1 Antibody [NBP1-00135] - Analysis of PU.1/Spi1 in p3xFLAG-PU.1 transfected 293T cells (1 million cells) using anti-PU.1/Spi1 antibody. Image from verified customer review.



## Publications

Uvarov P, Ludwig A, Markkanen M et al. Upregulation of the neuron-specific K<sup>+</sup>/Cl<sup>-</sup> cotransporter expression by transcription factor early growth response 4. *J Neurosci* 2006-12-27 [PMID: 17192429]

Harendza S, Lovett DH, Stahl RA et al. The hematopoietic transcription factor PU.1 represses gelatinase A transcription in glomerular mesangial cells. *J Biol Chem* 2000-06-01 [PMID: 10867017]



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### **Products Related to NBP1-00135**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat 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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