

Product Datasheet

PU.1/Spi-1 Antibody - BSA Free NBP2-33427

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-33427

PU.1/Spi-1 Antibody - BSA Free

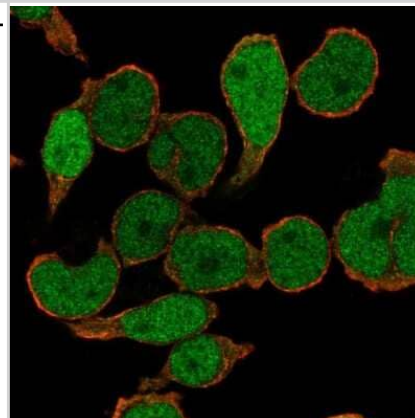
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit PU.1/Spi-1 Antibody - BSA Free (NBP2-33427) is a polyclonal antibody validated for use in IHC and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	6688
Gene Symbol	SPI1
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: EDLVPYDSDLYQRQTHEYYPYLSSDGESHSDHYWDFHPPHHVHSEFESFAENN FTELQSVQPPQLQQLYRHMELEQMHVLDTPMVPHPHSLGHQVSYLPRMCLQY PSLSPAQPSSDEEEG

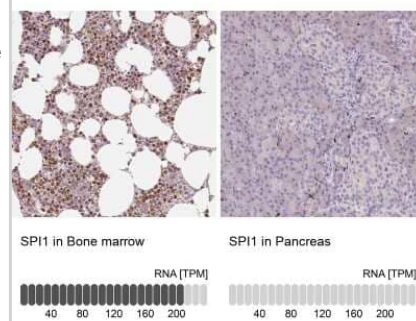
Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Chromatin Immunoprecipitation-exo-Seq
Recommended Dilutions	Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000, Chromatin Immunoprecipitation-exo-Seq 1-10ug per reaction
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

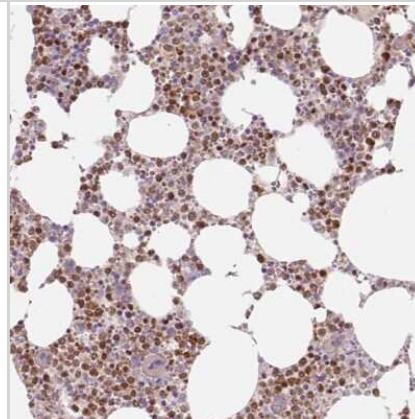
Immunocytochemistry/Immunofluorescence: PU.1/Spi-1 Antibody [NBP2-33427] - Staining of human cell line REH shows localization to nucleoplasm. Antibody staining is shown in green.



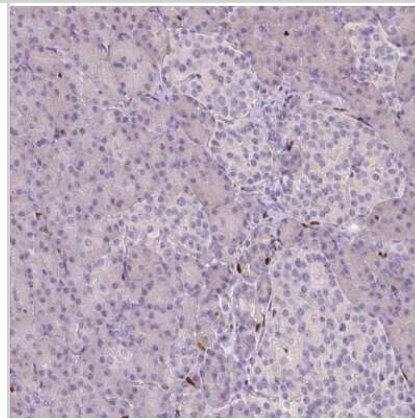
Immunohistochemistry-Paraffin: PU.1/Spi-1 Antibody [NBP2-33427] - Staining in human bone marrow and pancreas tissues using anti-SPI1 antibody. Corresponding SPI1 RNA-seq data are presented for the same tissues.



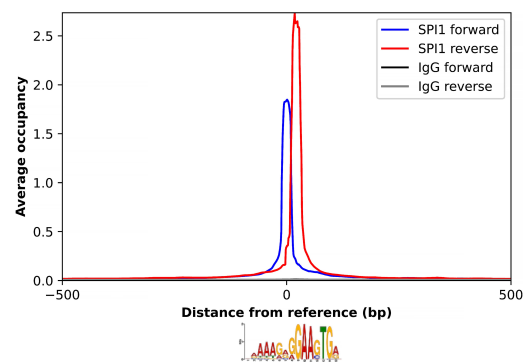
Immunohistochemistry-Paraffin: PU.1/Spi-1 Antibody [NBP2-33427] - Staining of human bone marrow shows high expression.



Immunohistochemistry-Paraffin: PU.1/Spi-1 Antibody [NBP2-33427] - Staining of human pancreas shows low expression as expected.



ChIP-Exo-Seq composite graph for Anti-SPI1 (NBP2-33427) tested in GM12878 cells. Strand-specific reads (blue: forward, red: reverse) and IgG controls (black: forward, grey: reverse) are plotted against the distance from a composite set of reference binding sites. The antibody exhibits robust target enrichment compared to a non-specific IgG control and precisely reveals its structural organization around the binding site. Data generated by Prof. B. F. Pugh's Lab at Cornell University.





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Products Related to NBP2-33427

NBP2-33427PEP	PU.1/Spi-1 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG 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.

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