

Product Datasheet

PU.1/Spi-1 Antibody (PU1/2146) - Azide and BSA Free NBP2-75766

Unit Size: 100 ug

Store at -20 to -80C. Avoid freeze-thaw cycles.

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NBP2-75766

PU.1/Spi-1 Antibody (PU1/2146) - Azide and BSA Free

| Product Information | |
|-------------------------|---|
| Unit Size | 100 ug |
| Concentration | 1 mg/ml |
| Storage | Store at -20 to -80C. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | PU1/2146 |
| Preservative | No Preservative |
| Isotype | IgG2b Kappa |
| Purity | Protein A or G purified |
| Buffer | 10 mM PBS |
| Target Molecular Weight | 40 kDa |

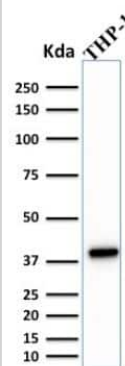
| Product Description | |
|---------------------|--|
| Description | 1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-75738). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 C. |
| Host | Mouse |
| Gene ID | 6688 |
| Gene Symbol | SPI1 |
| Species | Human |
| Marker | B-Cell Marker |
| Immunogen | Recombinant fragment (around aa 16-170) of human PU.1/Spi-1 protein (Exact sequence is proprietary) (Uniprot: P17947) |

| Product Application Details | |
|-----------------------------|---|
| Applications | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Protein Array |
| Recommended Dilutions | Western Blot 0.5-1 ug/ml, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 1-2 ug/ml, Protein Array |
| Application Notes | Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined. |

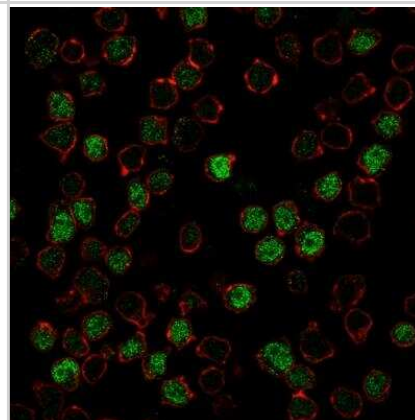


Images

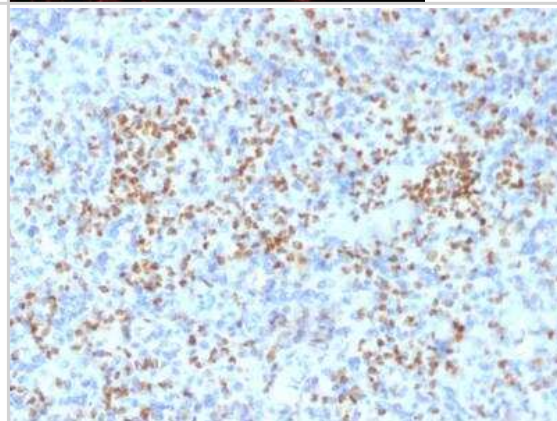
Western Blot: PU.1/Spi-1 Antibody (PU1/2146) - Azide and BSA Free [NBP2-75766] - Western Blot Analysis of THP-1 cell lysate using PU.1-Monospecific Mouse Monoclonal Antibody (PU1/2146).



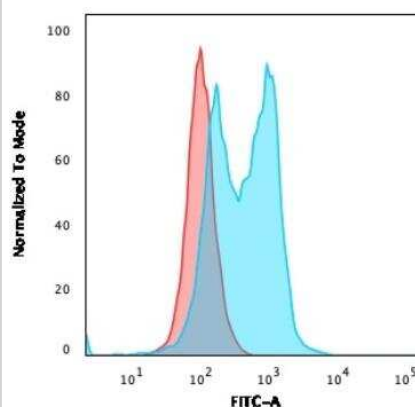
Immunocytochemistry/Immunofluorescence: PU.1/Spi-1 Antibody (PU1/2146) - Azide and BSA Free [NBP2-75766] - Immunofluorescence Analysis of PFA-fixed Ramos cells labeling PU.1 with PU.1-Monospecific Mouse MAb (PU1/2146) followed by Goat anti-Mouse IgG-CF488 (Green). Membrane is labeled with Phalloidin (Red).



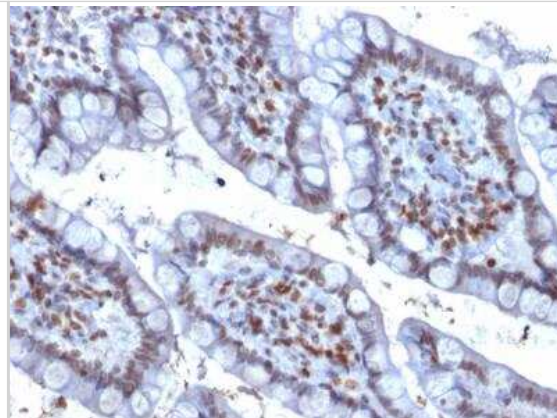
Immunohistochemistry-Paraffin: PU.1/Spi-1 Antibody (PU1/2146) - Azide and BSA Free [NBP2-75766] - Formalin-fixed, paraffin-embedded human Spleen stained with PU.1-Monospecific Mouse Monoclonal Antibody (PU1/2146).



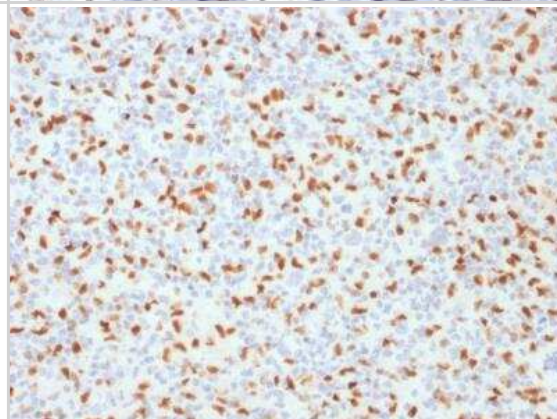
Flow Cytometry: PU.1/Spi-1 Antibody (PU1/2146) - Azide and BSA Free [NBP2-75766] - Flow Cytometric Analysis of PFA-fixed Ramos cells. PU.1-Monospecific Mouse MAb (PU1/2146) followed by goat anti-Mouse IgG-CF488 (Blue); Isotype Control (Red).



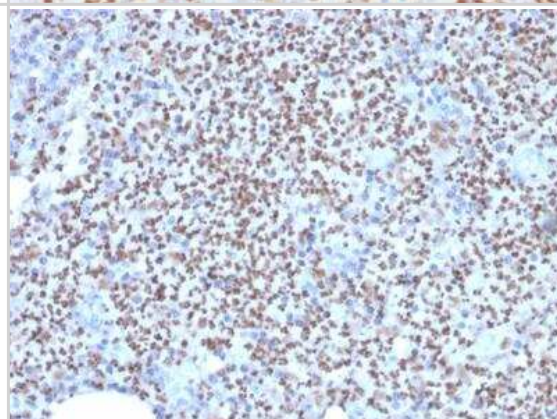
Immunohistochemistry-Paraffin: PU.1/Spi-1 Antibody (PU1/2146) - Azide and BSA Free [NBP2-75766] - Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with PU.1-Monospecific Mouse Monoclonal Antibody (PU1/2146).



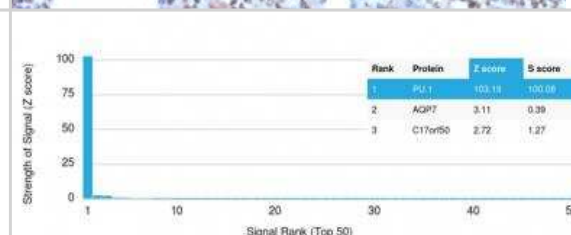
Immunohistochemistry-Paraffin: PU.1/Spi-1 Antibody (PU1/2146) - Azide and BSA Free [NBP2-75766] - Formalin-fixed, paraffin-embedded human Hodgkin's Lymphoma stained with PU.1-Monospecific Mouse Monoclonal Antibody (PU1/2146).



Immunohistochemistry-Paraffin: PU.1/Spi-1 Antibody (PU1/2146) - Azide and BSA Free [NBP2-75766] - Formalin-fixed, paraffin-embedded human Lymph Node stained with PU.1-Monospecific Mouse Monoclonal Antibody (PU1/2146).



Protein Array: PU.1/Spi-1 Antibody (PU1/2146) - Azide and BSA Free [NBP2-75766] - Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProt™ array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProt™ are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target. A MAb is considered to specific to its intended target, if the MAb has an S-score of at least 2.5. For example, if a MAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that MAb to protein X is equal to 29.





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Products Related to NBP2-75766

| | |
|-------------------|---|
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB720-B | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-43317-0.5mg | Mouse IgG2b Kappa Light Chain Isotype Control (MG2b) |
| NBP2-51976-0.05mg | Recombinant Human PU.1/Spi-1 His Protein |

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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