

PU.1/Spi1 Rabbit mAb

Catalog No: #49830

Package Size: #49830-1 50ul #49830-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

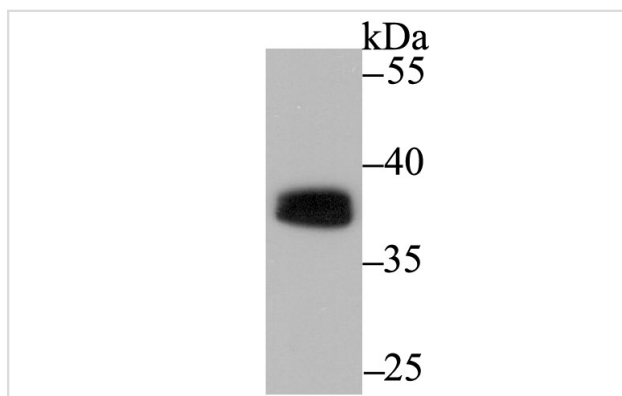
Description

Product Name	PU.1/Spi1 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JB72-35
Purification	ProA affinity purified
Applications	WB,IHC,FC
Species Reactivity	Hu
Immunogen Description	Recombinant protein
Other Names	transcription factor spi1 antibody 31 kDa Transforming Protein antibody 31 kDa-transforming protein antibody cb1086 antibody Hematopoietic transcription factor PU.1 antibody OF antibody oncogene spi1 antibody PU.1 antibody SFFV virus-induced murine erythroleukemia oncogene, mouse, homolog of antibody SFPI1 antibody si:by184l24.2 antibody SPI 1 antibody SPI 1 proto oncogene antibody SPI A antibody Spi1 antibody SPI1_HUMAN antibody Spleen focus forming virus (SFFV) proviral integration oncogene spi1 antibody Spleen focus forming virus proviral integration oncogene spi1 antibody Transcription factor PU.1 antibody
Accession No.	Swiss-Prot#:P17947
Uniprot	P17947
GeneID	6688;
Calculated MW	31 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

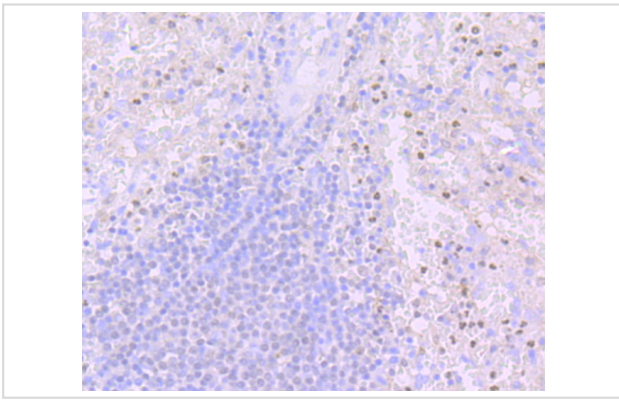
Application Details

WB: 1:500-1:1,000 IHC: 1:50-1:200 FC: 1:50-1:100

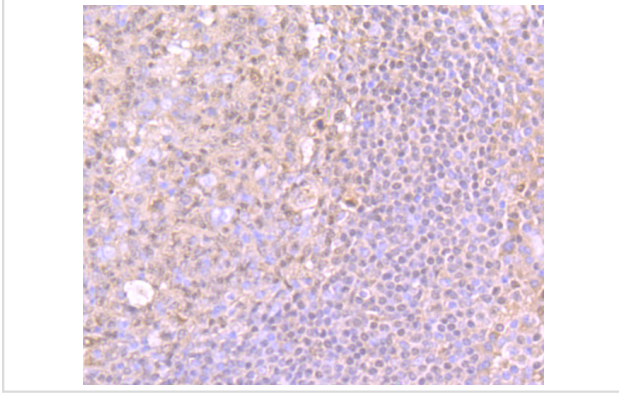
Images



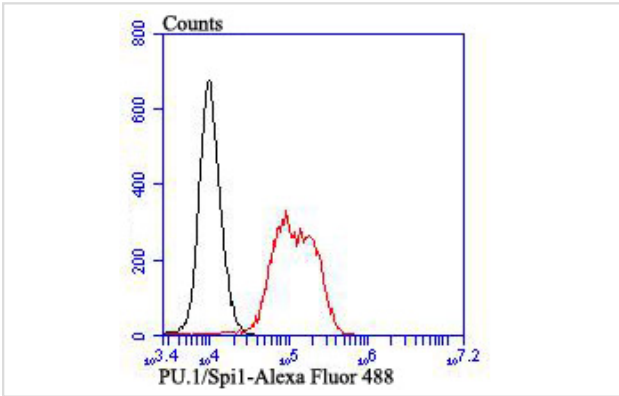
Western blot analysis of PU.1/Spi1 on THP-1 cell using anti-PU.1/Spi1 antibody at 1/500 dilution.



Immunohistochemical analysis of paraffin-embedded human spleen tissue using anti-PU.1/Spi1 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-PU.1/Spi1 antibody. Counter stained with hematoxylin.



Flow cytometric analysis of K562 cells with PU.1/Spi1 antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.

Background

The Ets transcription factor family (Ets-1, Ets-2, Erg-1-3, Elk-1, Elf-1, Elf-5, NERF, PU.1, PEA3, ERM, FEV, ER81, Fli-1, TEL, Spi-B, ESE-1, ESE-3A, Net, ABT1 and ERF) are DNA-binding proteins that influence lymphoid development and activity. The Ets family monomeric proteins bind the consensus DNA site GGA(A/T) through a unique winged helix-turn-helix motif known as the Ets domain. PU.1 (Spi-1/Spi-A), Spi-B and Spi-C are closely related Ets family members which share a conserved divergent sequence within the Ets domain that enables their binding to the non-canonical AGAA sites. PU.1 transactivates a large number of B cell genes, such as those encoding CD72, CD20 and Btk, and Spi-B enhances expression of many of these same target genes. PU.1 is expressed in a wide variety of hematopoietic cells, including B cells, early T-cells, megakaryocytes, granulocytes, mast cells, immature erythrocytes and myeloid cells. Alternatively, Spi-B expression is limited to B cells and immature T cells, where expression accumulates through T-lineage commitment and then is dramatically absent following the beta-selection checkpoint.

References

Note: This product is for in vitro research use only