

For Research Use Only

# SPI1 Monoclonal antibody

Catalog Number: 66618-2-Ig **5 Publications**



## Basic Information

<b>Catalog Number:</b> 66618-2-Ig	<b>GenBank Accession Number:</b> NM_003120	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1000 ug/ml	<b>GeneID (NCBI):</b> 6688	<b>CloneNo.:</b> 2H3D3
<b>Source:</b> Mouse	<b>ENSEMBL Gene ID:</b> ENSG00000066336	<b>Recommended Dilutions:</b> WB 1:2000-1:10000 IHC 1:2000-1:8000
<b>Isotype:</b> IgG1	<b>UNIPROT ID:</b> P17947	
	<b>Full Name:</b> spleen focus forming virus (SFFV) proviral integration oncogene spi1	
	<b>Calculated MW:</b> 31 kDa	
	<b>Observed MW:</b> 32-38 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> WB, IHC, IF, ColP	<b>WB :</b> Daudi cells, Raji cells, RAW 264.7 cells, rat spleen tissue
<b>Species Specificity:</b> human, mouse, rat	<b>IHC :</b> Human tonsillitis tissue, mouse spleen tissue
<b>Cited Species:</b> human, mouse	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

SPI1, also named as 31 kDa-transforming protein, is a 270 amino acid protein, which belongs to the ETS family. SPI1 is highly expressed in both FV-P and FV-A-induced erythro-leukemia cell lines that have undergone rearrangements of the SPI1 gene due to the insertion of SFFV.

## Notable Publications

Author	Pubmed ID	Journal	Application
Huayi Feng	36477668	Discov Oncol	IHC, WB
Qiyi Yi	36497434	Cancers (Basel)	WB
Guofei Deng	39455096	J Immunother Cancer	IHC

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

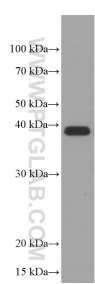
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

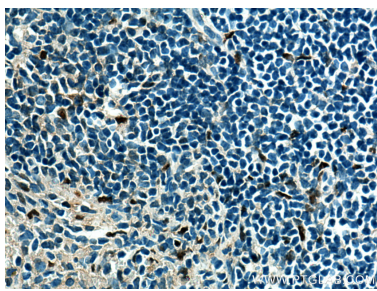
W: [ptgcn.com](http://ptgcn.com)

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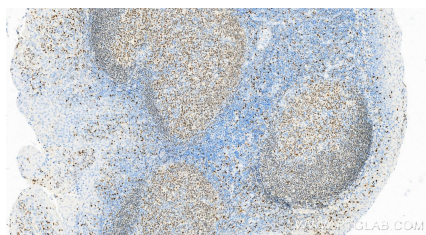
Selected Validation Data



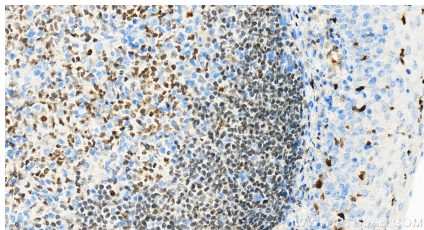
Daudi cells were subjected to SDS PAGE followed by western blot with 66618-2-Ig (SPI1 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 66618-2-Ig (SPI1 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded Human tonsillitis tissue slide using 66618-2-Ig (SPI1 antibody) at dilution of 1:4000 (under 20x lens).



Immunohistochemical analysis of paraffin-embedded Human tonsillitis tissue slide using 66618-2-Ig (SPI1 antibody) at dilution of 1:4000 (under 20x lens).



Immunohistochemical analysis of paraffin-embedded Human tonsillitis tissue slide using 66618-2-Ig (SPI1 antibody) at dilution of 1:2000 (under 20x lens).