

For Research Use Only

SPI1 Monoclonal antibody

Catalog Number: 66618-2-Ig **3 Publications**



Basic Information

Catalog Number: 66618-2-Ig	GenBank Accession Number: NM_003120	Purification Method: Protein A purification
Size: 150ul, Concentration: 1000 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 6688	CloneNo.: 2H3D3
Source: Mouse	Full Name: spleen focus forming virus (SFFV) proviral integration oncogene spi1	Recommended Dilutions: WB 1:2000-1:10000 IHC 1:500-1:2000
Isotype: IgG1	Calculated MW: 31 kDa	
	Observed MW: 32-38 kDa	

Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

CoIP, IF, IHC, WB

Species Specificity:

Human, mouse, rat

Cited Species:

human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: Daudi cells, Raji cells, RAW 264.7 cells, rat spleen tissue

IHC: mouse spleen tissue,

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
Yilin Chen	37517591	Exp Cell Res	WB, IF, CoIP

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

***** 20ul sizes contain 0.1% BSA**

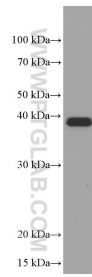
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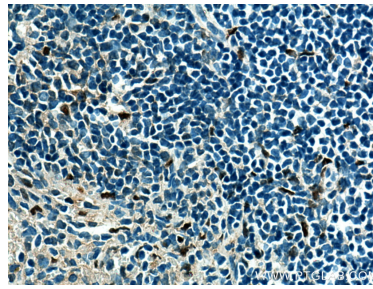
E: proteintech@ptglab.com
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Selected Validation Data



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).