

SPIC antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI12064

Product Information

Application	WB
Primary Accession	Q6P3D7
Other Accession	NM_011461 , NP_035591
Reactivity	Mouse
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	27942

Additional Information

Gene ID	20728
Alias Symbol	Prf, Spi-C, C76795, AU019198
Other Names	Transcription factor Spi-C, Pu.1-related factor, Prf, Spic
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 100 ul of distilled water. Final anti-SPIC antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	SPIC antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

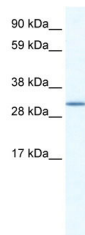
Name	Spic
Function	Controls the development of red pulp macrophages required for red blood cells recycling and iron homeostasis. Transcription factor that binds to the PU-box, a purine-rich DNA sequence (5'-GAGGA[AT]-3') that can act as a lymphoid-specific enhancer. Regulates VCAM1 gene expression.
Cellular Location	Nucleus.
Tissue Location	Expressed in lymphoid tissues, including spleen, bone marrow and thymus. According to PubMed:19037245, highly expressed in red pulp macrophages and, at lower, levels in B-cells, but not in other cells, including, monocytes, dendritic cells and other tissue macrophages. According to PubMed:10464163

expressed in pre- and mature B-cells but not in immature B-cells; according to PubMed:10187812 not expressed in pre- but predominantly in mature B-cells and at lower levels in macrophages.

References

Kosmider, O., et al., (2005) Cancer Cell 8(6), 467-478 Reconstitution and Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



WB Suggested Anti-SPIC Antibody Titration: 1.25 µg/ml
ELISA Titer: 1:312500
Positive Control: SP2/0 cell lysate

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.