

**SPIC antibody - N-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI12064****Specification**

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**SPIC antibody - N-terminal region - Product Information**

Application	WB
Primary Accession	<a href="#">Q6P3D7</a>
Other Accession	<a href="#">NM_011461</a> , <a href="#">NP_035591</a>
Reactivity	Mouse
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	27kDa KDa

**SPIC antibody - N-terminal region - 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.

**SPIC antibody - N-terminal region - 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**

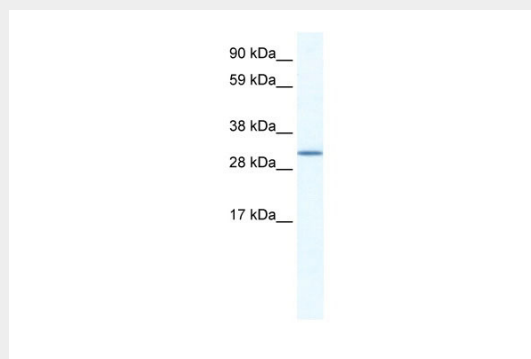
Expressed in lymphoid tissues, including spleen, bone marrow and thymus. According to PubMed:19037245, highly expressed in red pulp macrophages and, at lower, levels in B-cells, but not in other cells, including, monocytes, dendritic cells and other tissue macrophages. According to PubMed:10464163 expressed 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.

### **SPIC antibody - N-terminal region - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **SPIC antibody - N-terminal region - Images**



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

### **SPIC antibody - N-terminal region - 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.