

Datasheet for ABIN7126240 **anti-SPIC antibody**



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Overview

Quantity:	100 µg
Target:	SPIC
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SPIC antibody is un-conjugated
Application:	Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Immunogen:	Recombinant full-length human SPIC protein
Isotype:	IgG2b
Specificity:	<p>The Ets transcription factor family is comprised of DNA-binding proteins that influence lymphoid development and activity and bind the consensus DNA site GGA(A/T) through a unique winged helix-turn-helix motif known as the Ets domain. Spi-B and Spi-C (also known as SPIC) are closely related Ets family members which share a conserved divergent sequence within the Ets domain that enables their binding to non-canonical AGAA sites. Spi-C is a 248 amino acid protein that localizes to the nucleus and, like other Ets family members, binds DNA as a monomer and plays a role in transcriptional regulation. Additionally, Spi-C is thought to control the development of red pulp macrophages, thereby contributing to iron homeostasis and red blood cell recycling. Human Spi-C shares 65 % amino acid identity with its mouse counterpart, suggesting a conserved role between species.</p>
Cross-Reactivity (Details):	Human.

Product Details

Purification: 1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target: SPIC

Alternative Name: SPIC ([SPIC Products](#))

Background: AU019198, C76795, MGC40611, MGC80555, Prf, Pu.1 related factor, Spi C, Spi C transcription factor, Spi-C transcription factor (Spi-1/PU.1 related),SPI-C / Transcription factor Spi-C
Cellular localisation: Nucleus

Molecular Weight: 29kDa

Gene ID: 121599, 577097

UniProt: [Q8N5J4](#)

Application Details

Application Notes: Known_Application: Flow Cytometry (1-2 µg/million cells), Immunofluorescence (1-2 µg/mL),
,Optimal dilution for a specific application should be determined.
Positive_Control: Jurkat or Raji cells.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: Prepared in 10 mM PBS, WITHOUT BSA and Azide.

Preservative: Azide free

Storage: -20 °C,-80 °C

Storage Comment: Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.

Expiry Date: 24 months