

Mouse anti-Human SPI-C/Transcription factor Spi-C Monoclonal Antibody | anti-SPIC antibody

SPI-C/Transcription factor Spi-C Mouse Monoclonal Antibody [Clone PCRP-SPIC-2C5]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA215557	Mouse	Human	Immunofluorescence, Flow Cytometry, Functional Assay

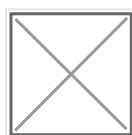
PRODUCT SYNONYMS

SPI-C/Transcription factor Spi-C; Monoclonal Antibody; SPI-C/Transcription factor Spi-C Mouse Monoclonal Antibody [Clone PCRP-SPIC-2C5]; AU019198; C76795; MGC40611; MGC80555; Prf; Pu. 1 related factor; Spi C; Spi C transcription factor; Spi-C transcription factor (Spi-1/PU. 1 related); anti-SPIC antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse/IgG2b
Clone Number	PCRP-SPIC-2C5
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)
Applicable Applications for anti-SPIC antibody	IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Immunogen	Recombinant full-length human SPIC protein
Cellular Localization	Nucleus
Positive Control	Jurkat or Raji cells.
Hu-chromosome Location	12q23.2
Unigene	577097
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C Antibody without azide: store at -20 to -80 degree C Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



FCM/FACS (Flow Cytometry)

Flow Cytometric Analysis of PFA-fixed HeLa cells. SPIC Mouse Monoclonal Antibody (PCRP-SPIC-2C5) followed by goat anti-mouse IgG-CF488 (blue); unstained cells (red).

ADDITIONAL INFORMATION

Related Product Information for anti-SPIC antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	22748707
NCBI GeneID	121599
NCBI Accession #	NP_689536.1
NCBI GenBank Nucleotide #	NM_152323.1
UniProt Accession #	Q8N5J4
Molecular Weight	29,180 Da
NCBI Official Full Name	transcription factor Spi-C
NCBI Official Synonym Full Names	Spi-C transcription factor (Spi-1/PU.1 related)
NCBI Official Symbol	SPIC
NCBI Official Synonym Symbols	SPI-C
NCBI Protein Information	transcription factor Spi-C
UniProt Protein Name	Transcription factor Spi-C
UniProt Gene Name	SPIC
UniProt Entry Name	SPIC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.