

Datasheet for ABIN3043440
anti-SPI1 antibody (AA 18-196)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µg
Target:	SPI1
Binding Specificity:	AA 18-196
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPI1 antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit IgG polyclonal antibody for Transcription factor PU.1(SPI1) detection. Tested with IHC-P in Human,Mouse,Rat.
Immunogen:	E.coli-derived human PU.1/Spi1 recombinant protein (Position: E18-K196). Human PU.1/Spi1 shares 84% and 84.4% amino acid (aa) sequence identity with mouse and rat PU.1/Spi1, respectively.
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Rabbit IgG polyclonal antibody for Transcription factor PU.1(SPI1) detection. Tested with IHC-P in Human,Mouse,Rat. Gene Name: Spi-1 proto-oncogene Protein Name: Transcription factor PU.1

Product Details

Purification: Immunogen affinity purified.

Target Details

Target: SPI1

Alternative Name: SPI1 ([SPI1 Products](#))

Background: Transcription factor PU.1 is a protein that in humans is encoded by the SPI1 gene. This gene encodes an ETS-domain transcription factor that activates gene expression during myeloid and B-lymphoid cell development. The nuclear protein binds to a purine-rich sequence known as the PU-box found near the promoters of target genes, and regulates their expression in coordination with other transcription factors and cofactors. The protein can also regulate alternative splicing of target genes. Multiple transcript variants encoding different isoforms have been found for this gene.

Synonyms: 31 kDa Transforming Protein antibody|31 kDa-transforming protein antibody|Hematopoietic transcription factor PU.1 antibody|OF antibody|PU.1 antibody|SFPI1 antibody|SPI 1 proto oncogene antibody|SPI A antibody|Spi1 antibody|SPI1_HUMAN antibody|Spleen focus forming virus (SFFV) proviral integration oncogene spi1 antibody|Transcription factor PU.1 antibody

Gene ID: 6688

UniProt: [P17947](#)

Pathways: [Stem Cell Maintenance](#)

Application Details

Application Notes: IHC-P: Concentration: 0.5-1 µg/mL, Tested Species: Human, Mouse, Rat, Epitope Retrieval by Heat: Boiling the paraffin sections in 10 mM citrate buffer, pH 6.0, for 20 mins is required for the staining of formalin/paraffin sections.
Notes: Tested Species: Species with positive results. Other applications have not been tested. Optimal dilutions should be determined by end users.

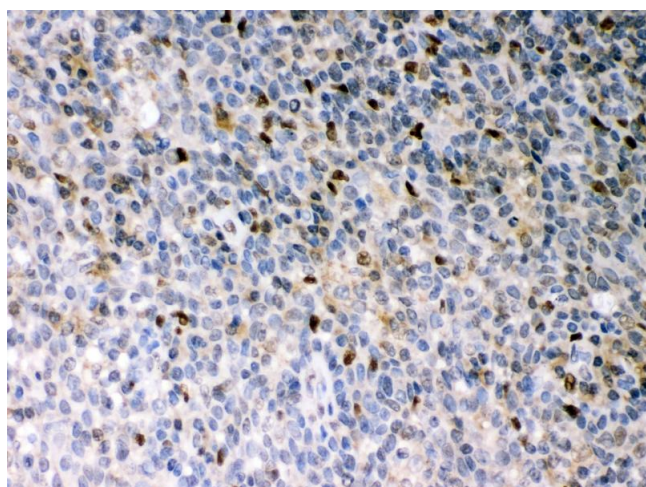
Comment: Antibody can be supported by ABIN921231 in IHC(P).

Restrictions: For Research Use only

Handling

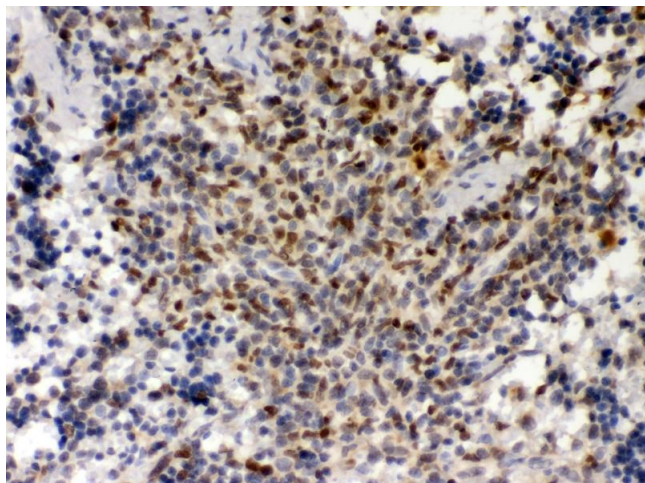
Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ , 0.05 mg Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.

Images



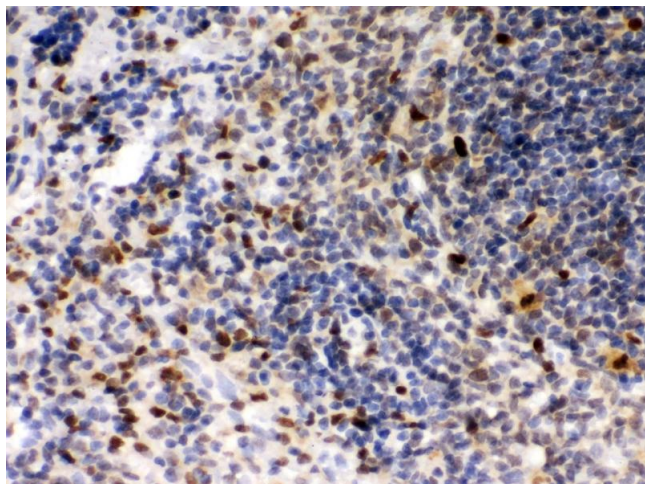
Immunohistochemistry

Image 1. Anti- PU.1/Spi1 antibody, IHC(P) IHC(P): Human Tonsil Tissue



Immunohistochemistry

Image 2. Anti- PU.1/Spi1 antibody, IHC(P) IHC(P): Mouse Spleen Tissue



Immunohistochemistry

Image 3. Anti- PU.1/Spi1 antibody, IHC(P) IHC(P): Rat Spleen Tissue