

## 11-8052: Polyclonal Antibody to Spi-B

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	IHC, WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	SPIB
<b>Gene ID :</b>	6689
<b>Uniprot ID :</b>	Q01892
<b>Format :</b>	Purified
<b>Alternative Name :</b>	SPIB
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	A partial length recombinant Spi-B protein (amino acids 50-260) was used as the immunogen for this antibody.

### Description

Spi-B belongs to the ETS family transcription containing a conserved ETS domain which specifically binds to a purine-rich DNA sequence called the PU-box (5'-GAGGAA-3'). Spi-B has two known isoforms (28 and 18 kDa) localized in nucleus and cytoplasm. Spi-B contains two transactivation domains (TAD) at the N- terminal end which may be required for transcriptional activation of the target genes. Spi-B is involved in development of plasmacytoid dendritic cells (natural interferon producing cells) and B-cell development. Spi-B acts as a lymphoid specific enhancer. Spi-B is highly expressed in plasmacytoid dendritic cells (pDCs), B-cells and stem cell populations of the liver.

### Product Info

<b>Amount :</b>	25 µg / 100 µg
<b>Purification :</b>	Protein A Chromatography
<b>Content :</b>	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
<b>Storage condition :</b>	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

Western blot analysis: 2-4 µg/ml, Immunohistochemical analysis: 5 µg/ml

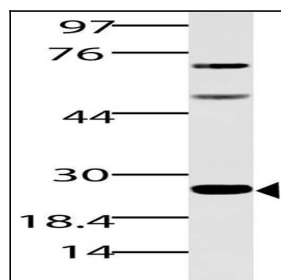


Fig-1: Western blot analysis of Spi-B. Anti-Spi-B antibody (11-8052) was used at 4 µg/ml on K562 lysate.

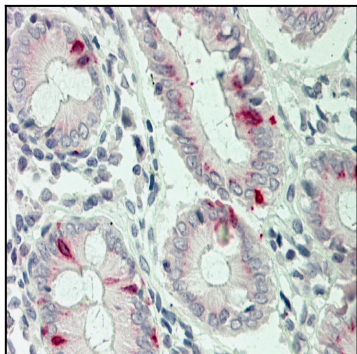


Fig-2: Immunohistochemical analysis of Spi-B . Anti- Spi-B antibody (11-8052) in human Colon tissue at 5 µg/ml.