

11-8052: Polyclonal Antibody to Spi-B

Clonality :	Polyclonal
Application :	IHC, WB
Reactivity :	Human
Gene :	SPIB
Gene ID :	6689
Uniprot ID :	Q01892
Format :	Purified
Alternative Name :	SPIB
Isotype :	Rabbit IgG
Immunogen Information :	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

Amount :	25 µg / 100 µg
Purification :	Protein A Chromatography
Content :	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.
Storage condition :	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

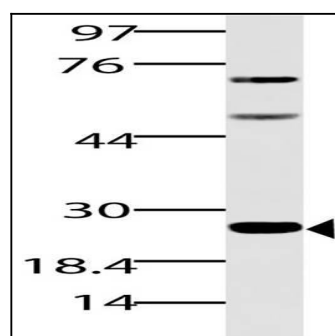


Fig-1: Western blot analysis of Spi-B. Anti-Spi-B antibody (11-8052) was used at 4 µg/ml on K562 lysate.

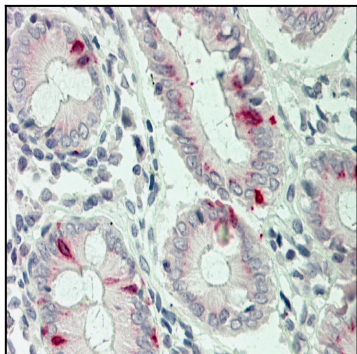


Fig-2: Immunohistochemical analysis of Spi-B . Anti- Spi-B antibody (11-8052) in human Colon tissue at 5 μ g/ml.