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11-4039: Polyclonal Antibody to SpiB

Clonality: Polyclonal

Application: WB Reactivity: Human Gene: **SPIB** Gene ID: 6689 **Uniprot ID:** Q01892 Format: Purified **SPIB Alternative Name:** Isotype: Rabbit IgG

Immunogen Information: Full length recombinant SpiB protein was used as the immunogen for this antibody.

Description

Spi-B belongs to the ETS family transcription factor containing a conserved ETS domain which specifically binds to a purinerich DNA sequence called the PU-box (5'-GAGGAA-3'). Spi-B has two known isoforms (28 and 18 kDa) and is 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: $25 \mu g / 100 \mu g$

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

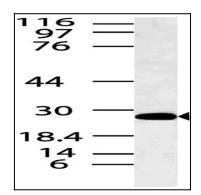


Fig-1: Western blot analysis of SpiB. Anti-SpiB antibody (11-4039) was used at 4 μ g/ml on K562 lysate.