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## 30-2213: PE Conjugated, Anti-SIT Monoclonal Antibody (Clone:SIT-01)

Clonality: Monoclonal **Clone Name:** SIT-01 Application: FACS Reactivity: Human Conjugate: PΕ Gene: SIT1 Gene ID: 27240 **Uniprot ID:** Q9Y3P8 **Alternative Name:** SIT1,SIT Isotype: Mouse IgG1

Immunogen Information: Bacterially produced recombinant intracellular fragment of human SIT.

## **Description**

SIT (SHP2-interacting transmembrane adaptor protein) is expressed exclusively in lymphoid organs and acts either as a positive or as a negative regulatory element in T cell activation and in T cell development. Binding to Grb2 plays a pivotal role in signal transduction. Hubener et al. (2001) determined that the SIT gene contains 5 exons and spans 1.8 kb of genomic DNA. The SIT promoter demonstrated strong transcriptional activity and potential binding sites for both ubiquitous and lymphoid-specific transcription factors.

## **Product Info**

Amount: 0.1 mg

**Storage condition :** Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

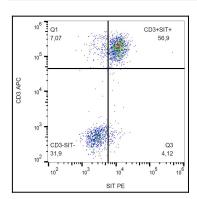


Figure 1:: Intracellular staining of human peripheral blood using anti-SIT (clone SIT-01) PE.