

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

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| Clonality : | Monoclonal |
| Clone Name : | SIT-01 |
| Application : | FACS |
| Reactivity : | Human |
| Conjugate : | PE |
| 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

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| Amount : | 0.1 mg |
| Storage condition : | Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. |

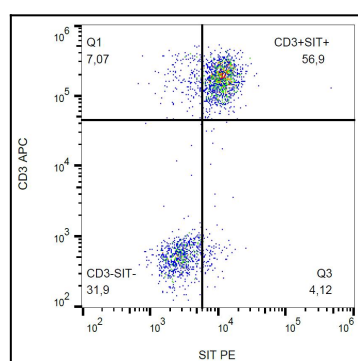


Figure 1:: Intracellular staining of human peripheral blood using anti-SIT (clone SIT-01) PE.