

SIT1 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3140a**Specification**

SIT1 Antibody (internal region) - Product Information

Application	E
Primary Accession	O9Y3P8
Other Accession	NP_055265.1 , 27240
Predicted	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	21126

SIT1 Antibody (internal region) - Additional Information**Gene ID** 27240**Other Names**

Signaling threshold-regulating transmembrane adapter 1, SHP2-interacting transmembrane adapter protein, Suppression-inducing transmembrane adapter 1, gp30/40, SIT1, SIT

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

SIT1 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

SIT1 Antibody (internal region) - Protein Information**Name** SIT1**Synonyms** SIT**Function**

Negatively regulates TCR (T-cell antigen receptor)-mediated signaling in T-cells. Involved in positive selection of T-cells.

Cellular Location

Cell membrane; Single-pass type I membrane protein

Tissue Location

Specifically expressed in T- and B-cells. Present in plasma cells but not in germinal center B-cells (at protein level) Expressed in T- and B-cell lymphoma.

SIT1 Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SIT1 Antibody (internal region) - Images**SIT1 Antibody (internal region) - References**

SHP2-interacting transmembrane adaptor protein (SIT), a novel disulfide-linked dimer regulating human T cell activation. Marie-Cardine A, Kirchgessner H, Bruyns E, Shevchenko A, Mann M, Auschbach F, Ratnoffsky S, Meuer S, Schraven B, The Journal of experimental medicine 1999 Apr 189 (8): 1181-94. PMID: 10209036