SunLong Biotech Co.,LTD
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[Marker Primary Antibody]

Rabbit Anti-NFAM1/FITC Conjugated antibody

Catalog Number: SL2680R-FITC

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-NFAM1/FITC
Immunogen:	KLH conjugated synthetic peptide derived from human NFAM1
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	Flow-Cyt=1μg /test not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human(predicted:Mouse,Rat,Pig,Horse)
Subcellular Location:	The cell membrane
Background:	background: NFAM1 activates cytokine gene promoters such as the IL13 and TNF-alpha promoters. It contains an immunoreceptor tyrosine-based activation motif (ITAM) and is thought to regulate the signaling and development of B-cells. **Function:** May function in immune system as a receptor which activates via the calcineurin/NFAT-signaling pathway the downstream cytokine gene promoters. Activates the transcription of IL-13 and TNF-alpha promoters. May be involved in the regulation of B-cell, but not T-cell, development. Overexpression activates downstream effectors without ligand binding or antibody cross-linking. **Subunit:** Interacts with ZAP70 and SYK. No direct interaction with the B-cell antigen receptor (BCR). **Subcellular Location:** Cell membrane; Single-pass type I membrane protein. Note=Partially recruited to lipid rafts upon BCR stimulation.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Tissue Specificity: Highly expressed in neutrophils, primary monocytes, mast cells, monocytic cell lines and lymphocytes. Also expressed in spleen B and T cells, and lung. Expressed at low level in non-immune tissue. **Post-translational modifications:** N-glycosylated. **Similarity:** Contains 1 Ig-like V-type (immunoglobulin-like) domain. Contains 1 ITAM domain. **Database links:** **Entrez Gene:** 150372 Human Omim: 608740 Human **SwissProt:** Q8NET5 Human **Unigene:** 436677 Human Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.