SunLong Biotech Co.,LTD
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[Primary Antibody]

Recombinant Rabbit Anti-CD69 Monoclonal Antibody

Catalog Number: SLA0619M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Mouse
Isotype:	IgG
Clonality:	Monoclonal
GeneID:	969
SWISS:	Q07108
Target:	CD69
Immunogen:	Recombinant human CD69 protein
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	Flow-Cyt (1:100-200) ICC/IF (1:100-200) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human
Predicted MW.:	22 kDa
Subcellular Location:	N/A
Background:	This gene encodes a member of the calcium dependent lectin superfamily of type II transmembrane receptors. Expression of the encoded protein is induced upon activation of T lymphocytes, and may play a role in proliferation. Furthermore, the protein may act to transmit signals in natural killer cells and platelets. [provided by RefSeq, Aug 2011]

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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[VALIDATION IMAGES]

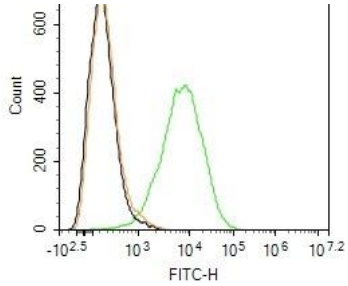


Figure 1. The Daudi(H, treated with 50 ng/ml PMA for 24h) cells were incubated in 5%BSA to block non-specific protein-protein interactions (30 min at r.t.).Cells stained with Primary Antibody for 30 min at room temperature, followed by secondary antibody incubation for 40 min at room temperature. Primary Antibody (green): Mouse Anti-CD69 antibody (SLA0619M,1:100); Isotype Control (orange): Mouse IgG (SL0296P). Blank control (black): PBS. Acquisition of 20,000 events was performed

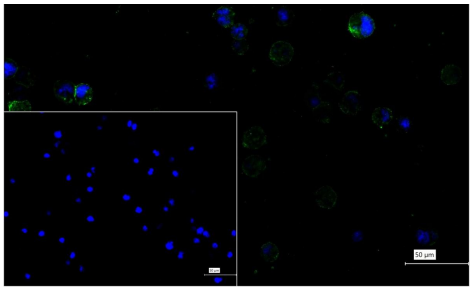


Figure 2. 4% Paraformaldehyde-fixed Daudi treated with 50 ng/ml PMA for 24h(M) cell; Triton X-100 at r.t. for 20 min; Antibody incubation with (CD69) monoclonal Antibody, unconjugated (SLA0619M) 1:100, 90 min at 37°C; followed by BF488 conjugated Goat Anti-Mouse IgG antibody (green, SL60296G-BF488) at 37°C for 90 min, DAPI (blue, C02-04002) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control

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