SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-ICOS antibody

Catalog Number: SLM-60227R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Clone No.:	F3H8
Target:	ICOS
Immunogen:	KLH conjugated synthetic peptide derived from human ICOS
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°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:1000-2000 ICC/IF=1:50-200 Flow-Cyt=1ug/Test （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human,Mouse
Predicted MW.:	20kDa
Subcellular Location:	The cell membrane Secretory protein
Background:	The protein encoded by this gene belongs to the CD28 and CTLA-4 cell-surface receptor family. It forms homodimers and plays an important role in cell-cell signaling, immune responses, and regulation of cell proliferation.[provided by RefSeq, Jul 2008]. **Database links:** **Entrez Gene:** 29851 Human **SwissProt:** Q9Y6W8 Human

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]

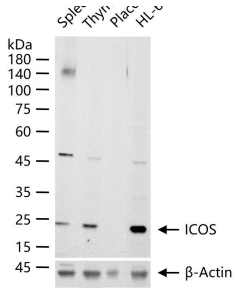


Figure 1. 25 ug total protein per lane of various lysates (see on figure) probed with ICOS monoclonal antibody, unconjugated (SLM-60227R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min

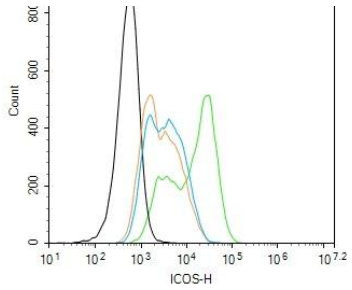


Figure 2. The HL-60(H) cells were incubated in 5%BSA to block non-specific protein-protein interactions (30 min at r.t.). Primary Antibody (green): Rabbit Anti-ICOS antibody (SLM-60227R): 1 µg/10^6 cells; Secondary Antibody (white blue): Goat anti-Rabbit IgG-FITC (SL60295G-FITC): 1 µg/test. Isotype Control (orange): Rabbit IgG (SL0295P). Blank control (black): PBS. Acquisition of 20,000 events was performed

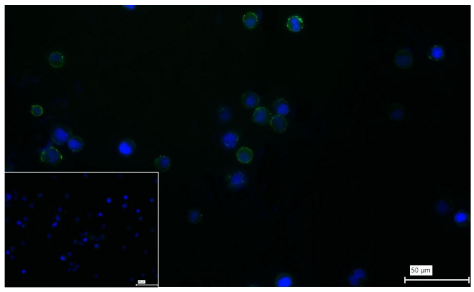


Figure 3. 4% Paraformaldehyde-fixed HL-60 (H) cell; Triton X-100 at r.t. for 20 min; Antibody incubation with (ICOS) monoclonal Antibody, unconjugated (SLM-60227R) 1:100, 90 min at 37°C; followed by conjugated Goat Anti-Rabbit IgG antibody (green, SL60295G-FITC) at 37°C for 90 min, DAPI (blue, C02-04002) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control

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