SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-S100A7 antibody

Catalog Number: SL6238R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	S100A7
Immunogen:	KLH conjugated synthetic peptide derived from human S100A7: 41-101/101
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 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	Flow-Cyt=2ug/Test （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human(predicted:Cow,Horse)
Predicted MW.:	11kDa
Subcellular Location:	cytoplasmic Secretory protein
Background:	Fetal ear, skin, and tongue and human cell lines. Highly up-regulated in psoriatic epidermis. Also highly expressed in the urine of bladder squamous cell carcinoma (SCC) bearing patients. **Subunit:** Interacts with RANBP9. **Subcellular Location:** Cytoplasm. Secreted. Note=Secreted by a non-classical secretory pathway. **Tissue Specificity:** Fetal ear, skin, and tongue and human cell lines. Highly up-regulated in psoriatic epidermis. Also highly expressed in the urine of bladder squamous cell carcinoma (SCC) bearing patients. **Similarity:** Belongs to the S-101 family. Contains 2 EF-hand domains. **Database links:** **Entrez Gene:** 6278 Human Omim: 600353 Human **SwissProt:** P31151 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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	Unigene: 112408 Human

[VALIDATION IMAGES]

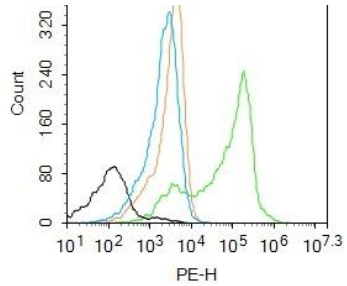


Figure 1. Blank control:K562. Primary Antibody (green line): Rabbit Anti-S100A7 antibody (SL6238R) Dilution: 2µg /10^6 cells; Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody: Goat anti-rabbit IgG-PE Dilution: 1µg /test. Protocol The cells were fixed with 4% PFA (10min at room temperature)and then permeabilized with 0.1%PBST for 20 min at room temperature. The cells were then incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature.Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed

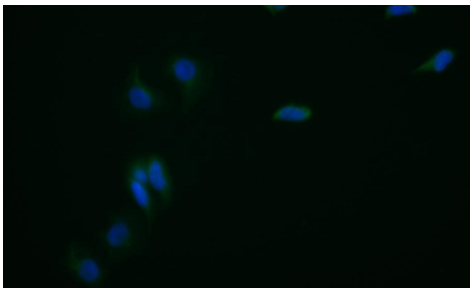


Figure 2. Hela cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (S100A7) polyclonal Antibody, Unconjugated (SL6238R) 1:100, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.

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