

S100A7 Rabbit pAb

Catalog Number: bs-6575R

Target Protein: S100A7

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), Flow-Cyt (2ug/Test)

Reactivity: Human, Rat (predicted:Mouse)

Predicted MW: 11 kDa

Source: KLH conjugated synthetic peptide derived from mouse S100A7: 41-108/108.

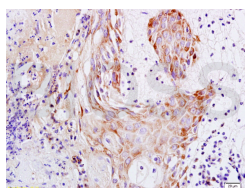
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

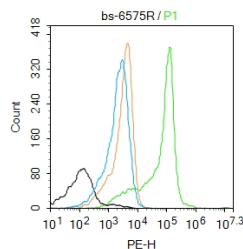
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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.

VALIDATION IMAGES



Tissue/cell: rat skin tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-S100A7 Polyclonal Antibody, Unconjugated(bs-6575R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Blank control:K562. Primary Antibody (green line): Rabbit Anti-S100A7 antibody (bs-6575R) Dilution: 2μg /10⁶ 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.

PRODUCT SPECIFIC PUBLICATIONS

[IF=4.52] Hau, Carren S., et al. "Visfatin Enhances the Production of Cathelicidin Antimicrobial Peptide, Human α -Defensin-2, Human α -Defensin-3, and S100A7 in Human Keratinocytes and Their Orthologs in Murine Imiquimod-Induced Psoriatic Skin." *The American Journal of Pathology* (2013).. IHC ; ="Mouse" . 23499548