

bs-6238R**[Primary Antibody]****S100A7 Rabbit pAb****BioSS**
ANTIBODIES

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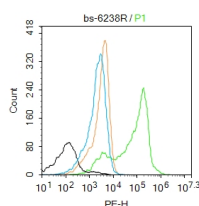
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— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 6278 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°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.	Isotype: IgG SWISS: P31151	Applications: Flow-Cyt (2ug/Test) Reactivity: Human (predicted: Cow, Horse) Predicted MW.: 11 kDa Subcellular Location: Secreted ,Cytoplasm
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— VALIDATION IMAGES —

Blank control:K562. Primary Antibody (green line): Rabbit Anti-S100A7 antibody (bs-6238R) Dilution: 2 μ g /10⁶ cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody : Goat anti-rabbit IgG-PE Dilution: 1 μ g /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.

— SELECTED CITATIONS —

- **[IF=2.141]** Yutong Yan. et al. Immunolocalization of antibacterial peptide S100A7 in mastitis goat mammary gland and lipopolysaccharide induces the expression and secretion of S100A7 in goat mammary gland epithelial cells via TLR4/NFkB signal pathway. ANIM BIOTECHNOL. 2022 Aug 22 IHC ;Goat. 10.1080/10495398.2022.2112689
- **[IF=2.4]** Yutong Yan. et al. The Relationship between Mastitis and Antimicrobial Peptide S100A7 Expression in Dairy Goats. Veterinary Sciences. 2023 Nov;10(11):653 IHC ;Sheep. 37999476

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