

## Anti-S100A7 Polyclonal Antibody 2

### Product Details

|                   |                             |
|-------------------|-----------------------------|
| Ig Type:          | IgG                         |
| Reactivity:       | Human,Rat (predicted:Mouse) |
| Molecular Weight: | Theoretical: 11 kDa.        |
| Purification:     | Protein A purified          |

### Applications

|                    |  |
|--------------------|--|
| Verified Activity: | 1. Tissue/cell: rat skin tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-S100A7 Polyclonal Antibody, Unconjugated (TMAB-12454) 1: 200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining  |
|                    | 2. Blank control: K562.<br>Primary Antibody (green line): Rabbit Anti-S100A7 antibody (TMAB-12454)<br>Dilution: 2 µg /10 <sup>6</sup> cells;<br>Isotype Control Antibody (orange line): Rabbit IgG.<br>Secondary Antibody: Goat anti-rabbit IgG-PE<br>Dilution: 1 µg /test.<br>Protocol<br>The cells were fixed with 4% PFA (10 min 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. |
| Application:       | IHC-P,IHC-Fr,IF,FCM  |
| Recommended        | IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500; FCM: 2µg/Test  |

### Properties

|                      |   |
|----------------------|---|
| Stability & Storage: | Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. |
| Shipping:            | Shipping with blue ice.   |

### Antigen Details

Immunogen: KLH conjugated synthetic peptide: mouse S100A7

Antigen Species: Mouse

Gene ID: 6278

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### Research 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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