

For Research Use Only

# S100A7/Psoriasin Recombinant antibody

Catalog Number:85993-1-RR



## Basic Information

<b>Catalog Number:</b> 85993-1-RR	<b>GenBank Accession Number:</b> BC034687	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 6278	<b>CloneNo.:</b> 250425D9
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P31151	<b>Recommended Dilutions:</b> WB: 1:2000-1:10000
<b>Isotype:</b> IgG	<b>Full Name:</b> S100 calcium binding protein A7	
<b>Immunogen Catalog Number:</b> AG3738	<b>Calculated MW:</b> 101 aa, 11 kDa	
	<b>Observed MW:</b> 11 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : MDA-MB-468 cells,
<b>Species Specificity:</b> human	

## Background Information

S100A7 (psoriasin), a member of the S100 protein family, is a well-known antimicrobial peptide and a signaling molecule which regulates cellular function and is expressed in many squamous cell carcinomas (SCCs), such as SCC of the skin. It is an EF-hand type calcium binding protein localized in epithelial cells, regulates cell proliferation and differentiation. The protein is overexpressed in hyperproliferative skin diseases, exhibits antimicrobial activities against bacteria and induces immunomodulatory activities.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

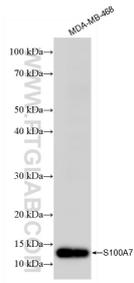
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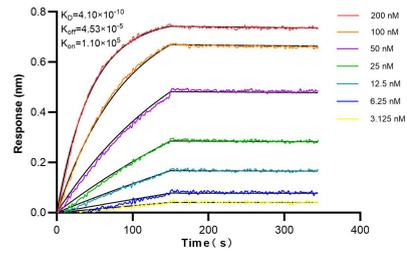
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85993-1-RR (S100A7 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 85993-1-RR against Human S100A7/Psoriasis were performed. The affinity constant is 0.41 nM.