

For Research Use Only

S100A7/Psoriasin Recombinant antibody

Catalog Number: 85993-1-RR



Basic Information

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

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : MDA-MB-468 cells,
Species Specificity: 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

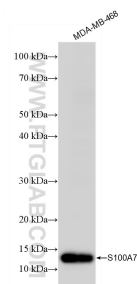
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

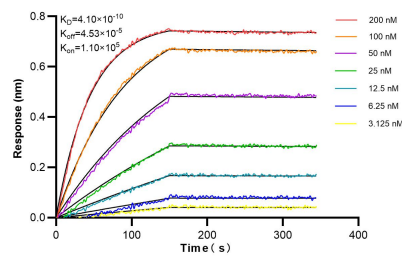
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.