

For Research Use Only

S100A7/Psoriasin Recombinant antibody, PBS Only

Catalog Number: 85993-1-PBS



Basic Information

Catalog Number: 85993-1-PBS	GenBank Accession Number: BC034687	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 6278	CloneNo.: 250425D9
Source: Rabbit	UNIPROT ID: P31151	
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, Indirect ELISA
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.

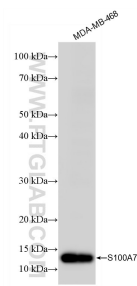
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

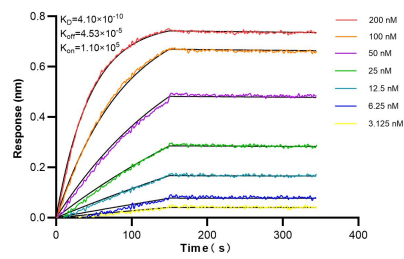
For technical support and original validation data for this product please contact:
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Selected Validation Data



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. This data was developed using the same antibody clone with 85993-1-PBS in a different storage buffer formulation.



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