

For Research Use Only

CAMP Recombinant antibody, PBS Only



Catalog Number: 82940-1-PBS

Basic Information

Catalog Number: 82940-1-PBS	GenBank Accession Number: BC055089	Purification Method: Protein A purification
Size: 100ug, Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 820	CloneNo.: 230157B4
Source: Rabbit	UNIPROT ID: P49913	
Isotype: IgG	Full Name: cathelicidin antimicrobial peptide	
Immunogen Catalog Number: AG2622	Calculated MW: 170 aa, 19 kDa	
	Observed MW: 18 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
Human, mouse

Background Information

CAMP is a member of an antimicrobial peptide family, characterized by a highly conserved N-terminal signal peptide containing a cathelin domain and a structurally variable cationic antimicrobial peptide, which is produced by extracellular proteolysis from the C-terminus. In addition to its antibacterial, antifungal, and antiviral activities, the encoded protein functions in cell chemotaxis, immune mediator induction, and inflammatory response regulation. CAMP encodes the 18-kDa proprotein hCAP18. FALL-39 and LL-37 are the mature cathelicidin peptides. This antibody can recognize all the proprotein and cleaved species.

Storage

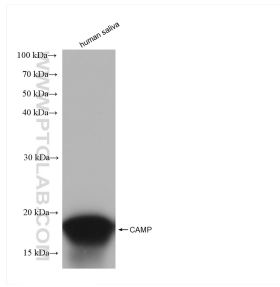
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

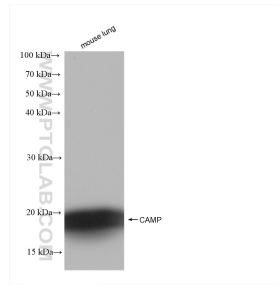
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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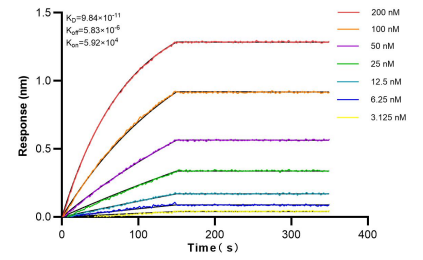
Selected Validation Data



human saliva were subjected to SDS PAGE followed by western blot with 82940-1-RR (CAMP antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82940-1-PBS in a different storage buffer formulation.



mouse lung tissue were subjected to SDS PAGE followed by western blot with 82940-1-RR (CAMP antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82940-1-PBS in a different storage buffer formulation.



Bi-layer interferometry (BLI) kinetic assays of 82940-1-RR against Human ADAMDEC1 were performed. The affinity constant is 98.4 pM.