

For Research Use Only

CST5 Recombinant antibody, PBS Only

Catalog Number: 84678-4-PBS



Basic Information

Catalog Number: 84678-4-PBS	GenBank Accession Number: BC069514	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 1473	CloneNo.: 241564A10
Source: Rabbit	UNIPROT ID: P28325	
Isotype: IgG	Full Name: cystatin D	
Immunogen Catalog Number: AG34412	Observed MW: 14-16 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

CST5 (cystatin D), it is expected to be located in cytoplasmic and extracellular, and the protein is restrictively expressed at salivary gland. Human cystatin D is a novel member of the cystatin superfamily of cysteine proteinase inhibitors present in saliva and tears. The inhibitory properties displayed by cystatin D suggest that it has a function in saliva as inhibitor of either endogenous or exogenous enzymes with cathepsin S- or H-like properties (PMID: 8083219). The calculated molecular weight of CST5 is 16 kDa.

Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS Only

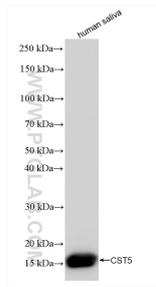
For technical support and original validation data for this product please contact:

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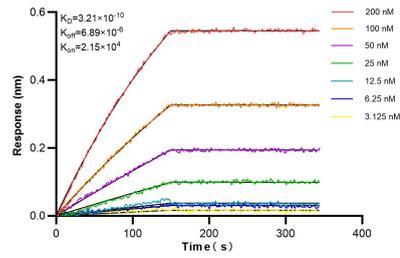
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W: ptglab.com

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Selected Validation Data



human saliva were subjected to SDS PAGE followed by western blot with 84678-4-RR (CST5 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84678-4-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84678-4-RR against Human CST5 were performed. The affinity constant is 0.321 nM.