

For Research Use Only

# Cathepsin D Recombinant antibody, PBS Only (Capture)



Catalog Number: 83743-1-PBS

## Basic Information

<b>Catalog Number:</b> 83743-1-PBS	<b>GenBank Accession Number:</b> NM_001909.5	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 1509	<b>CloneNo.:</b> 240775B4
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P07339	
<b>Isotype:</b> IgG	<b>Full Name:</b> cathepsin D	
	<b>Calculated MW:</b> 45kDa	

## Applications

**Tested Applications:**  
Indirect ELISA, Cytometric bead array

**Species Specificity:**  
Human

## Product Information

83743-1-PBS targets Cathepsin D as part of a matched antibody pair:

MP00695-1: 83743-1-PBS capture and 83743-2-PBS detection (validated in Cytometric bead array)

MP00695-3: 83743-1-PBS capture and 83743-4-PBS detection (validated in Cytometric bead array)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

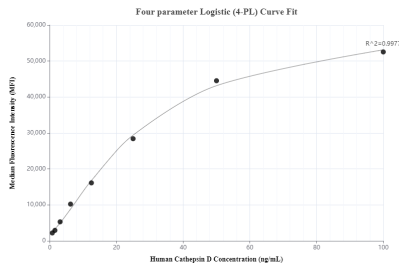
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)

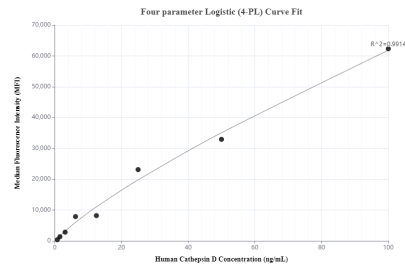
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

## Selected Validation Data



Cytometric bead array standard curve of MP00695-1, Cathepsin D Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83743-1-PBS. Detection antibody: 83743-2-PBS. Standard: Eg1053. Range: 0.78-100 ng/mL



Cytometric bead array standard curve of MP00695-3, Cathepsin D Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83743-1-PBS. Detection antibody: 83743-4-PBS. Standard: Eg1053. Range: 0.78-100 ng/mL