

For Research Use Only

Cathepsin B Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 83998-5-PBS



Basic Information

Catalog Number:

83998-5-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG1020

GenBank Accession Number:

NM_001908.5

GeneID (NCBI):

1508

UNIPROT ID:

P07858

Full Name:

cathepsin B

Calculated MW:

38kDa

Purification Method:

Protein A purification

CloneNo.:

260854E8

Applications

Tested Applications:

Cytometric bead array, Sandwich ELISA, Indirect ELISA

Species Specificity:

human

Background Information

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

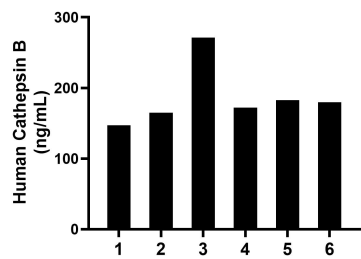
T: 4006900926

E: Proteintech-CN@ptglab.com

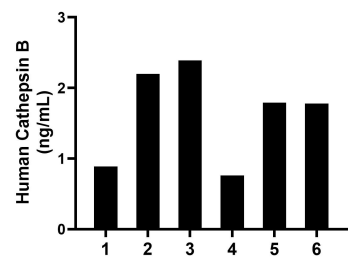
W: ptgcn.com

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

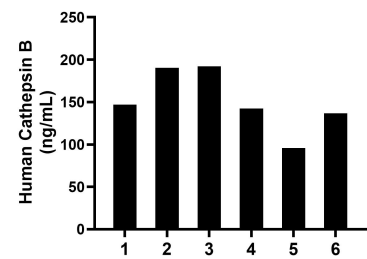
Selected Validation Data



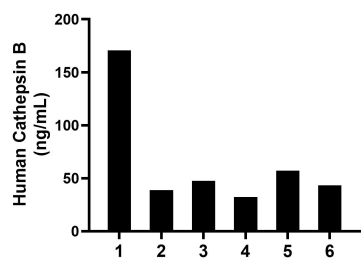
Urine of six individual healthy human donors was measured. The Cathepsin B concentration of detected samples was determined to be 1.64 ng/mL with a range of 0.76-2.39 ng/mL.



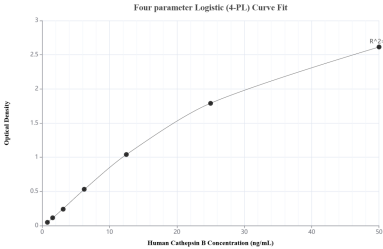
Saliva of six individual healthy human donors was measured. The Cathepsin B concentration of detected samples was determined to be 186.38 ng/mL with a range of 146.98-271.31 ng/mL.



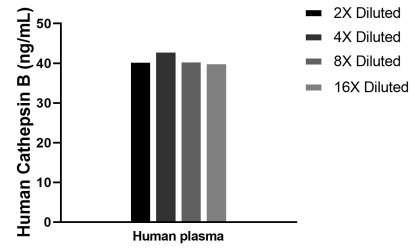
Human milk of six individual healthy human donors was measured. The Cathepsin B concentration of detected samples was determined to be 150.72 ng/mL with a range of 95.82-192.06 ng/mL.



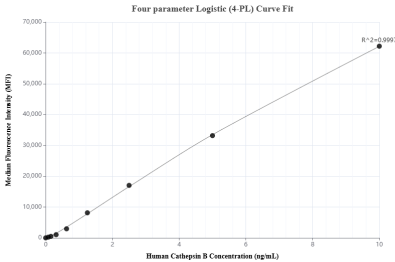
Plasma of six individual healthy human donors was measured. The Cathepsin B concentration of detected samples was determined to be 65.00 ng/mL with a range of 32.20-170.78 ng/mL.



Sandwich ELISA standard curve of MP03489-1, Human Cathepsin B Recombinant Matched Antibody Pair - PBS only. 83998-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1020. 83998-5-PBS was HRP conjugated as the detection antibody. Range: 0.781-50 ng/mL.



The mean Cathepsin B concentration was determined to be 41.1 ng/mL in human plasma.



Cytometric bead array standard curve of MP03489-1, Cathepsin B Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83998-4-PBS. Detection antibody: 83998-5-PBS. Standard: Eg1020. Range: 0.078-10 ng/mL.