

For Research Use Only

# MMP3 Recombinant antibody, PBS Only (Detector)



Catalog Number: 82984-4-PBS

## Basic Information

Catalog Number: 82984-4-PBS	GenBank Accession Number: BC074815	Purification Method: Protein A purification
Size: 1mg/ml	GeneID (NCBI): 4314	CloneNo.: 230535G8
Source: Rabbit	UNIPROT ID: P08254	
Isotype: IgG	Full Name: matrix metalloproteinase 3 (stromelysin 1, progelatinase)	

## Applications

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

**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:**  
100% PBS pH 7.3

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

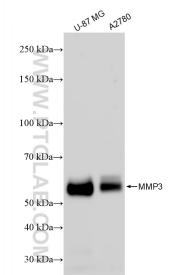
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

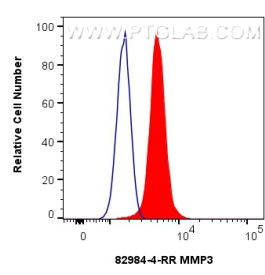
W: [ptgcn.com](http://ptgcn.com)

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

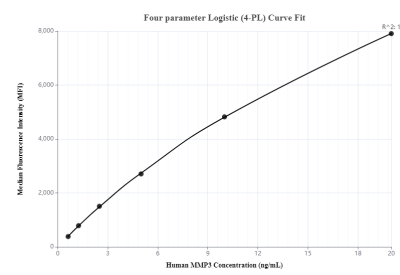
## Selected Validation Data



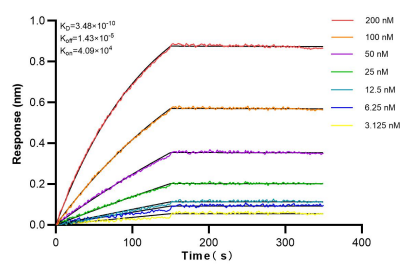
Various lysates were subjected to SDS PAGE followed by western blot with 82984-4-RR (MMP3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82984-4-PBS in a different storage buffer formulation.



1x10<sup>6</sup> HepG2 cells were intracellularly stained with 0.4 ug MMP3 Recombinant antibody (82984-4-RR, Clone:230535G8) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.4 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 82984-4-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP00083-3, MMP3 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 82984-1-PBS. Detection antibody: 82984-4-PBS. Standard: Eg0382. Range: 0.625-20 ng/mL.



Biolayer interferometry (BLI) kinetic assays of 82984-4-RR against Human MMP3 were performed. The affinity constant is 0.348 nM.