

For Research Use Only

# CKMT2 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 87517-2-PBS



## Basic Information

<b>Catalog Number:</b> 87517-2-PBS	<b>GenBank Accession Number:</b> BC029140	<b>Purification Method:</b> Protein A purification
<b>Source:</b> Rabbit	<b>GeneID (NCBI):</b> 1160	<b>CloneNo.:</b> 252920B11
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> P17540	
<b>Immunogen Catalog Number:</b> AG3971	<b>Full Name:</b> creatine kinase, mitochondrial 2 (sarcomeric)	
	<b>Calculated MW:</b> 419 aa, 48 kDa	

## Applications

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

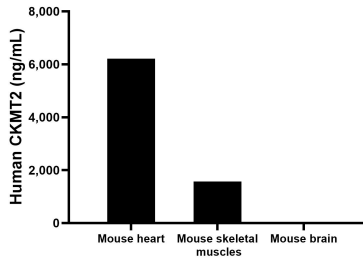
T: 4006900926

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

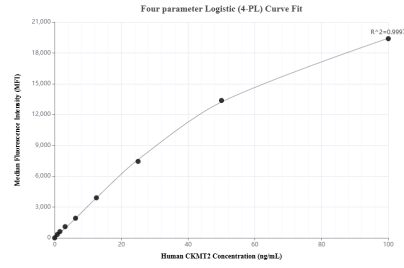
W: [ptgcn.com](http://ptgcn.com)

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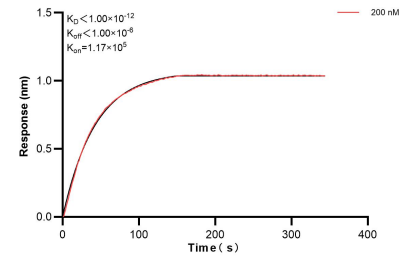
## Selected Validation Data



The mean CKMT2 concentration was determined to be 6208.3 ng/mL in mouse heart tissue extract based on a 5.4 mg/mL extract load, 1565.5 ng/mL in mouse skeletal muscles tissue extract based on a 4.1 mg/mL extract load, mouse brain tissue extract were served as a negative control.



Cytometric bead array standard curve of MP03076-1, CKMT2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 87517-3-PBS. Detection antibody: 87517-2-PBS. Standard: Ag3971. Range: 0.781-100 ng/mL



Bi-layer interferometry (BLI) kinetic assay of 87517-2-PBS against Human CKMT2 was performed. The affinity constant is below 1 pM.