

For Research Use Only

CKMT2 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 87517-3-PBS



Basic Information

| | | |
|--|--|---|
| Catalog Number: 87517-3-PBS | GenBank Accession Number: BC029140 | Purification Method: Protein A purification |
| Size: 100ug, Concentration: 1 mg/ml by Nanodrop; | GeneID (NCBI): 1160 | CloneNo.: 252920A7 |
| Source: Rabbit | UNIPROT ID: P17540 | |
| Isotype: IgG | Full Name: creatine kinase, mitochondrial 2 (sarcomeric) | |
| Immunogen Catalog Number: AG3971 | Calculated MW: 419 aa, 48 kDa | |

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

87517-3-PBS targets CKMT2 as part of a matched antibody pair:

MP03076-1: 87517-3-PBS capture and 87517-2-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, pH7.3

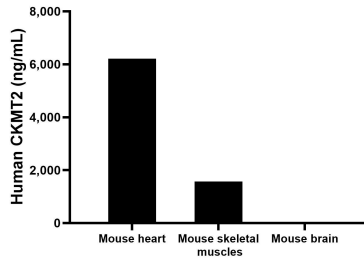
For technical support and original validation data for this product please contact:

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

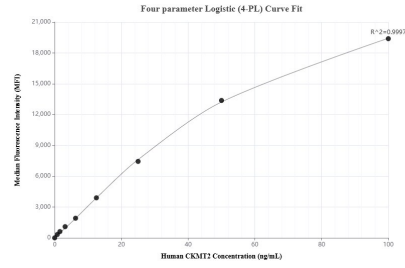
E: proteintech@ptglab.com
W: ptglab.com

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

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