For Research Use Only

PSMB6 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number:86491-2-PBS

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Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
86491-2-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG2296

GenBank Accession Number:
BC000835

GeneID (NCBI):
5694

UNIPROT ID:
P28072

Full Name:
proteasome (prosome, macropain) subunit, beta type, 6

Calculated MW:
239 aa, 25 kDa

Purification Method:
Protein A purification

CloneNo.:
251232D8

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

86491-2-PBS targets PSMB6 as part of a matched antibody pair:

MP02672-1: 86491-3-PBS capture and 86491-2-PBS detection (validated in Sandwich ELISA)

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.

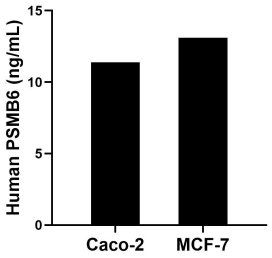
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

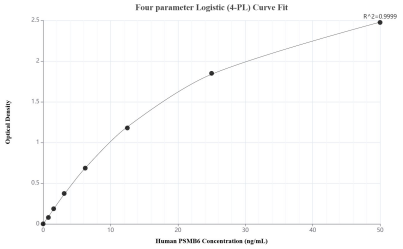
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

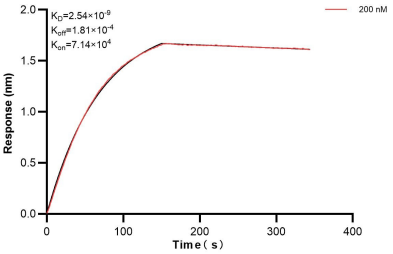
Selected Validation Data



The mean PSMB6 concentration was determined to be 11.38 ng/mL in Caco-2 cell extract based on a 1.30 mg/mL extract load and 13.10 ng/mL in MCF-7 cell extract based on a 1.20 mg/mL extract load.



Sandwich ELISA standard curve of MP02672-1, Human PSMB6 Recombinant Matched Antibody Pair - PBS only. 86491-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag2296. 86491-2-PBS was HRP conjugated as the detection antibody. Range: 0.781-50 ng/mL.



Biolayer interferometry (BLI) kinetic assay of 86491-2-PBS against Human PSMB6 was performed. The affinity constant is 2.54 nM.