For Research Use Only

PSMB6 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number:86491-2-PBS

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Basic Information

Catalog Number:
86491-2-PBS

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

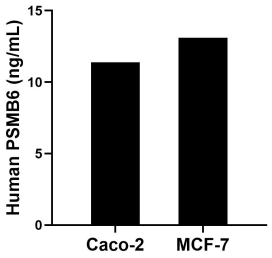
Species Specificity:
human

Background Information

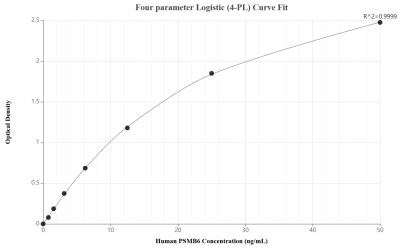
Storage

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

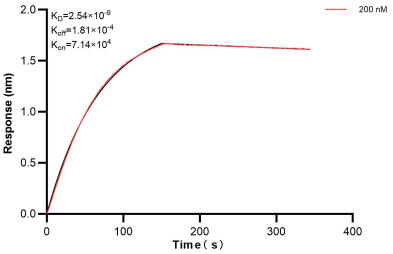
Selected Validation Data



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.