For Research Use Only

Mouse PD-1/CD279 Recombinant antibody, PBS Only (Capture)

Catalog Number:83516-4-PBS

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Antibodies | ELISA kits | Proteins
Uni-rAb
www.ptglab.com

Basic Information

Catalog Number:
83516-4-PBS

Size:
1 mg/ml

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
NM_008798.2

GeneID (NCBI):
18566

UNIPROT ID:
Q02242

Full Name:
programmed cell death 1

Calculated MW:
32 kDa

Purification Method:
Protein A purification

CloneNo.:
240390D5

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
mouse

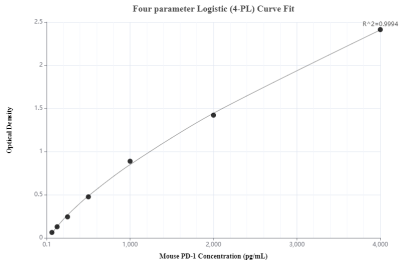
Background Information

Storage

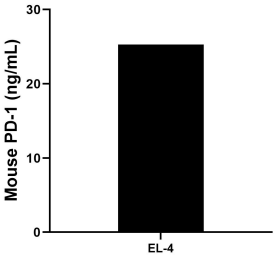
Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

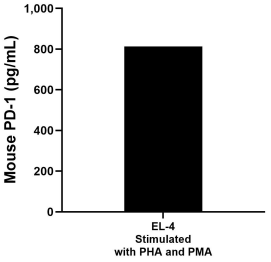
Selected Validation Data



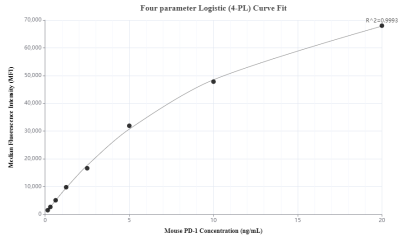
Sandwich ELISA standard curve of MP00496-4, Mouse PD-1/CD279 Monoclonal Matched Antibody Pair - PBS only. 83516-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0918. 83516-9-PBS was HRP conjugated as the detection antibody. Range: 62.5-4000 pg/mL.



The mean mouse PD-1/CD279 concentration was determined to be 14.08 ng/mL in EL-4 cell extract based on a 3.0 mg/mL extract load.



EL-4 was cultured in RPMI 1640 supplemented with 10% fetal bovine serum, 50 μM β-mercaptoethanol, 2 mM L-glutamine, and 100 μg/mL ofstreptomycin sulfate.The cellswere stimulated with 10 μg/mL of PHA and 10 ng/mL of PMA. An aliquot of the cell culture supernatant wasremoved, assayed for mouse PD-1/CD279 and measured 812.8 pg/mL.



Cytometric bead array standard curve of MP00496-1, MOUSE PD-1/CD279 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83516-4-PBS. Detection antibody: 83516-5-PBS. Standard: Eg0918. Range: 0.156-20 ng/mL.