For Research Use Only

PARK7/DJ-1 Monoclonal antibody, PBS Only (Detector)

Catalog Number:68802-1-PBS

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
68802-1-PBS

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

Source:
Mouse

Isotype:
IgG2a

Immunogen Catalog Number:
AG2287

GenBank Accession Number:
BC008188

GeneID (NCBI):
11315

UNIPROT ID:
Q99497

Full Name:
Parkinson disease (autosomal recessive, early onset) 7

Calculated MW:
189 aa, 20 kDa

Purification Method:
Protein A purification

CloneNo.:
1E5C3

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

68802-1-PBS targets PARK7/DJ-1 as part of a matched antibody pair:

MP80004-1: 82913-1-PBS capture and 68802-1-PBS detection (validated in Sandwich ELISA)

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation.

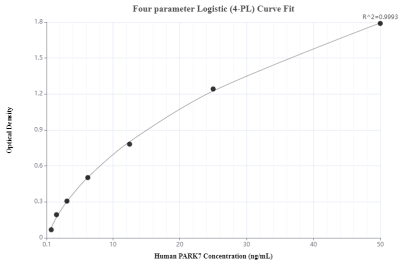
This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications.Antibody use should be optimized by the end user for each application and assay.

Storage

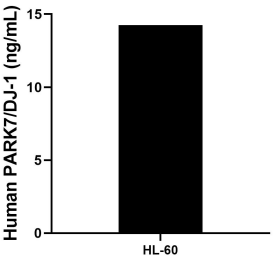
Storage:
Store at -80°C.
Storage Buffer:
PBS Only

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

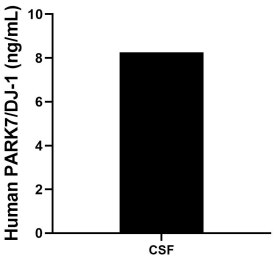
Selected Validation Data



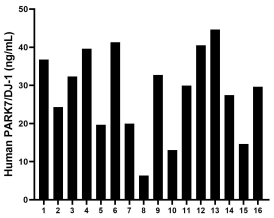
Sandwich ELISA standard curve of MP80004-1, Human PARK7/DJ-1 Monoclonal Matched Antibody Pair - PBS only. 82913-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag2287. 68802-1-PBS was HRP conjugated as the detection antibody. Range: 0.39-25 ng/mL.



The mean human PARK7/DJ-1 concentration was determined to be 14.25 ng/mL in HL-60 cell extract based on a 4.3 mg/mL extract load.



The human PARK7/DJ-1 concentration of Human cerebrospinal fluid (CSF) samples were determined to be 8.3 ng/mL.



Serum of sixteen individual healthy human donors were measured. The human PARK7/DJ-1 concentration of detected samples was determined to be 28.3 ng/mL with a range of 6.3 - 44.6 ng/mL.