For Research Use Only

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

Catalog Number:68802-1-PBS

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
68802-1-PBS

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

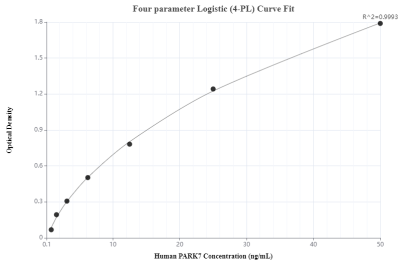
Species Specificity:
human

Background Information

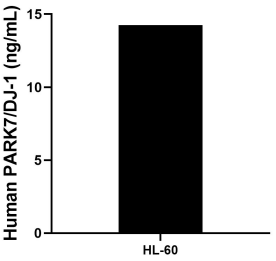
Storage

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

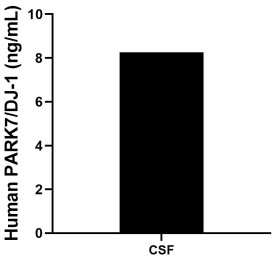
Selected Validation Data



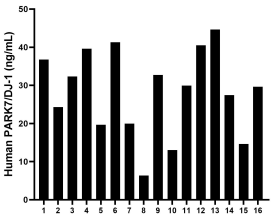
Sandwich ELISA standard curve of MP80004-1, Human PARK7/DJ-1 Monoclonal Matched Antibody Pair - PBS only. 82913-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag2287. 68802-1-PBS was HRP conjugated as the detection antibody. Range: 0.39-25 ng/mL.



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.