
Product Name: PARK7 Mouse Monoclonal Antibody**Catalog #: AMM82908**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	19.8kDa

Antigen Information

Gene Name	PARK7
Alternative Names	DJ1; DJ-1; GATD2; HEL-S-67p
Gene ID	11315.0
SwissProt ID	Q99497
Immunogen	Purified recombinant fragment of human PARK7 (AA: 1-189) expressed in E. Coli.

Background

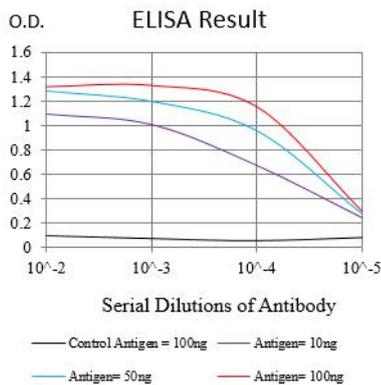
The product of this gene belongs to the peptidase C56 family of proteins. It acts as a positive regulator of androgen receptor-dependent transcription. It may also function as a redox-sensitive chaperone, as a sensor for oxidative stress, and it apparently protects neurons against oxidative stress and cell death. Defects in this gene are the cause of autosomal recessive early-onset

Parkinson disease 7. Two transcript variants encoding the same protein have been identified for this gene.

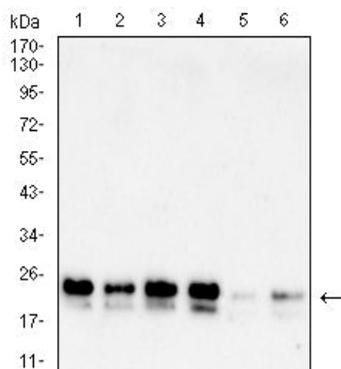
Research Area

Autophagy

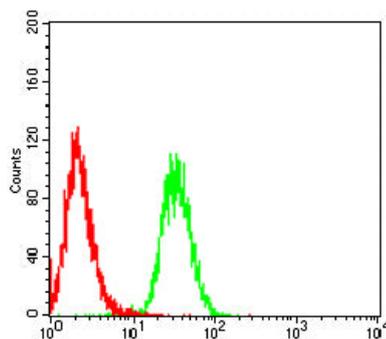
Image Data



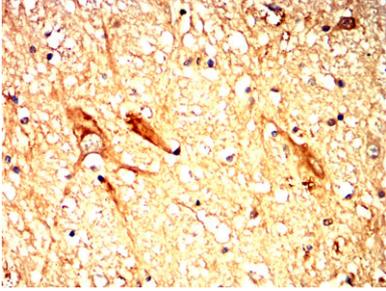
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



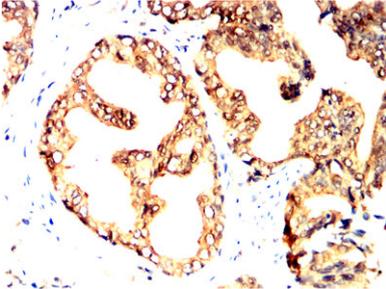
Western blot analysis using PARK7 mouse mAb against A549 (1), A431 (2), K562 (3), HeLa (4), SH-SY5Y (5) and SW480 (6) cell lysate.



Flow cytometric analysis of HepG2 cells using PARK7 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human brain tissues using PARK7 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissues using PARK7 mouse mAb with DAB staining.