Product Name: PARK7 Mouse Monoclonal Antibody
Catalog #: AMM82909
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

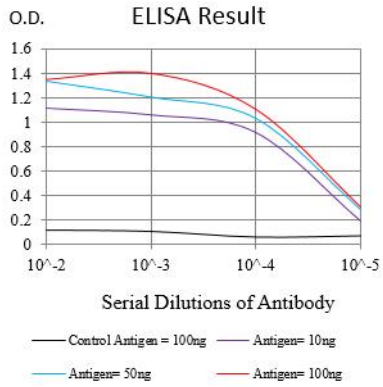
The product of this gene belongs to the peptidase C56 family of proteins. It acts as a positive regulator of androgen receptor-dependent transcription. It may also function as a redox-sensitive chaperone, as a sensor for oxidative stress, and it apparently protects neurons against oxidative stress and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

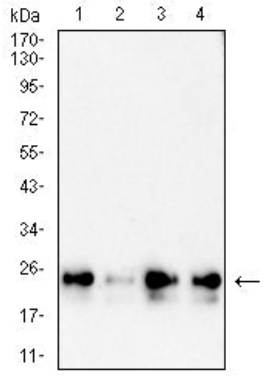
Research Area

Autophagy

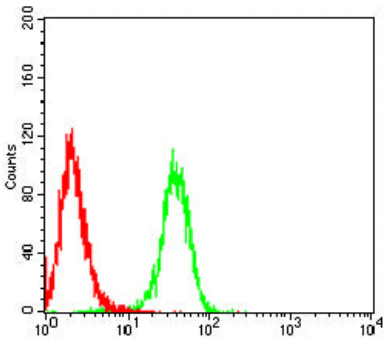
Image Data



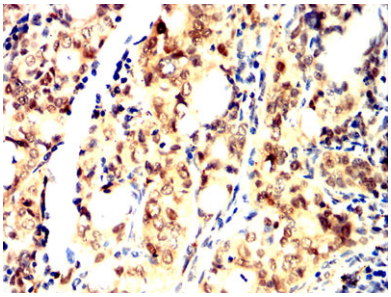
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



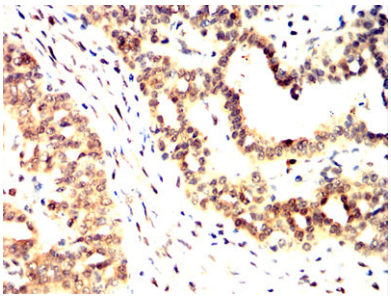
Western blot analysis using PARK7 mouse mAb against A549 (1), A431 (2),K562 (3) and Hela (4) cell lysate.



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



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



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