BT LAB
Bioassay Technology Laboratory
Optimize Your Research

PARK7 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3186
Host	Mouse
Isotype	Mouse IgG1
Size	100μL, 50μL
Immunogen	Purified recombinant fragment of human PARK7 (AA: 1-189) expressed in E. Coli.
Mol wt	19.8kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB,IHC,FCM
Concentration	N/A
Full name	N/A
Synonyms	DJ1;DJ-1;GATD2;HEL-S-67p

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

Recommended Dilution

WB: 1:500 - 1:2000

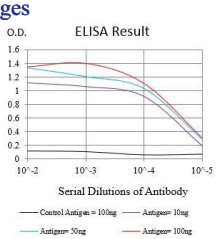
IHC-p: 1:200 - 1:1000

FCM: 1:200 - 1:400

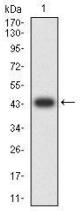
ELISA: 1:10000

Not yet tested in other applications.

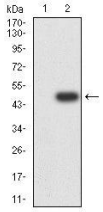
Images



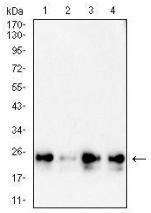
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



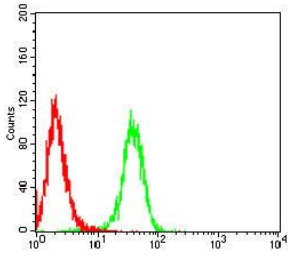
Western blot analysis using PARK7 mAb against human PARK7 (AA: 1-189) recombinant protein. (Expected MW is 45.8 kDa)



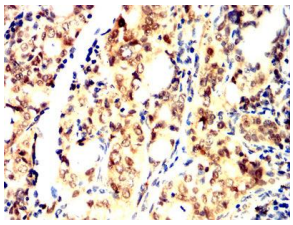
Western blot analysis using PARK7 mAb against HEK293-6e (1) and PARK7 (AA: 1-189)-hIgGFc transfected HEK293-6e (2) cell lysate.



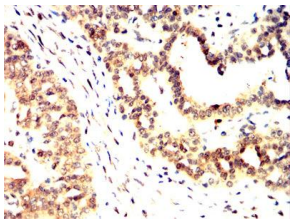
Western blot analysis using PARK7 mouse mAb against A549 (1), A431 (2),K562 (3) and Hela (4) cell lysate.



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



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



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

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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