

Recombinant

DGRmAb®

PARK7/DJ1 (DGR16361) Rabbit mAb (PBS Only)

db11865-PBS

Package : 10µg 100µg

Product Name : PARK7/DJ1 (DGR16361) Rabbit mAb (PBS Only)**Cat.No.:** db11865-PBS**Synonyms** : DJ1; DJ-1; GATD2; HEL-S-67p**Application** : WB, ICC/IF, FC, IP**Reactivity** : Human**Host species** : Rabbit**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. [provided by RefSeq, Jul 2008]

Immunogen

Recombinant protein of human PARK7

Gene ID

11315

Swiss Prot

Q99497

Synonyms

DJ1; DJ-1; GATD2; HEL-S-67p

Reactivity

Human

Application

WB, ICC/IF, FC, IP

Calculated MW

20 kDa

Observed MW

22 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR16361

Isotype

IgG

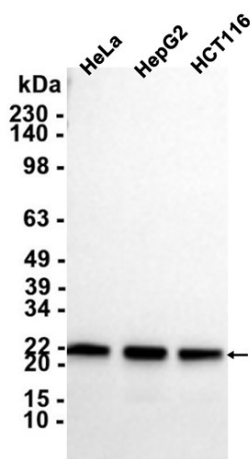
Purity

Affinity Purification

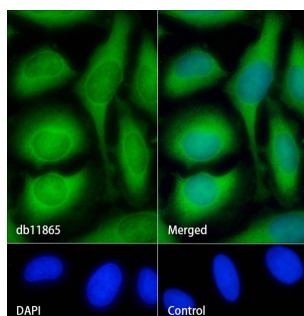
Conjugation

Un-conjugated

Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot analysis of extracts from HeLa, HepG2, HCT116 cells using [db11865](#) at 1:2000.



Immunofluorescence analysis of HeLa cells labelling PARK7/DJ1 with [db11865](#).

The cells were fixed with cold 100% methanol (10min, 4°C) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with [db11865](#) (1:100) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 ([db10005](#), shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.