Recombinant DGRmAb®

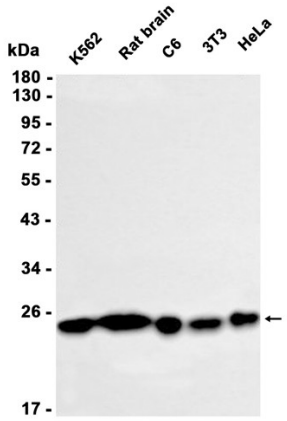
PARK7/DJ1 (DGR12325) Rabbit mAb (PBS Only)

db11078-PBS **Package : 10μg 100μg**

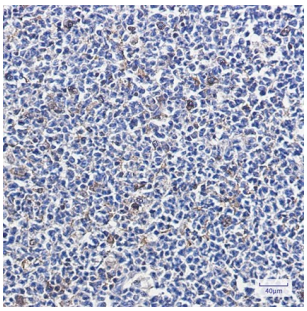
Product Name : PARK7/DJ1 (DGR12325) Rabbit mAb (PBS Only)
Cat.No.: db11078-PBS
Synonyms : DJ1; DJ-1; GATD2; HEL-S-67p
Application : WB, IHC-P, ICC/IF, FC, IP
Reactivity : Human,Mouse,Rat
Host species : Rabbit

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	A synthetic peptide of human PARK7/DJ1
Gene ID	11315
Swiss Prot	Q99497
Synonyms	DJ1; DJ-1; GATD2; HEL-S-67p
Reactivity	Human,Mouse,Rat
Application	WB, IHC-P, ICC/IF, FC, IP
Calculated MW	20 kDa
Observed MW	22 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR12325
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated

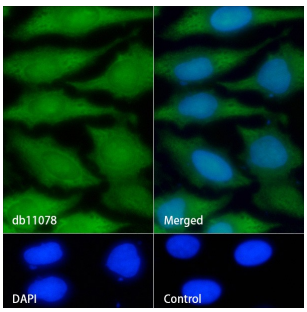
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot analysis of extracts from K562, C6, 3T3, HeLa cells and Rat brain tissue using db11078 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human tonsil using db11078 antibody.



Immunofluorescence analysis of HeLa cells labelling PARK7/DJ1 with db11078.

The cells were fixed with cold 100% methanol (10min, 4℃) 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 db11078 (1:50) 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.