DJ 1 Rabbit mAb

Catalog No: #52076

Package Size: #52076-1 50ul   #52076-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com
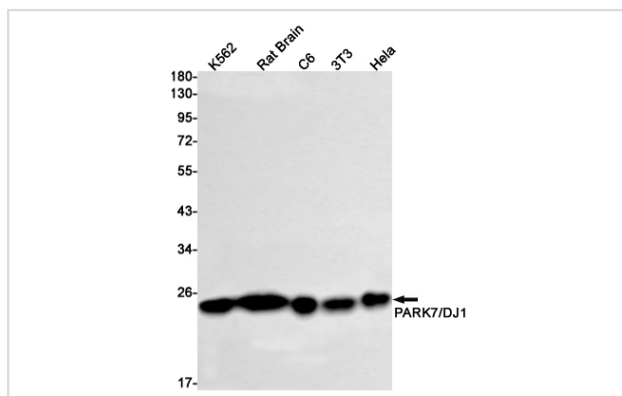
Description

Product Name	DJ 1 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S04-6H5
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB IHC IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human PARK7/DJ1
Conjugates	Unconjugated
Modification	Unmodification
Other Names	Protein DJ-1; SP22; Protein DJ-1; Oncogene DJ1; Parkinson disease protein 7; PARK7;
Accession No.	Swiss-Prot:Q99497GeneID:11315
Uniprot	Q99497
GeneID	11315
Calculated MW	Calculated MW: 20 kDa; Observed MW: 22 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

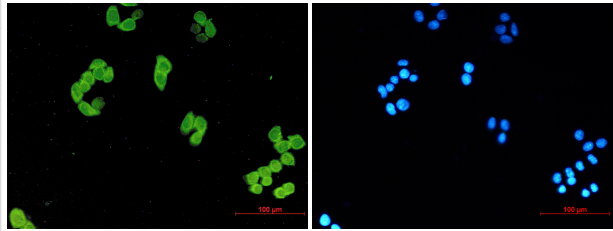## Application Details

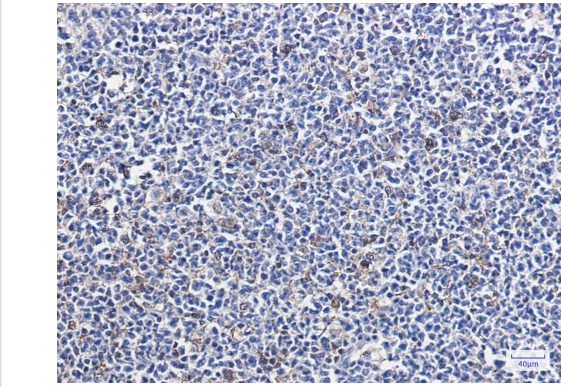WB: 1/2000-1/10000; IHC: 1/50-1/200; ICC/IF: 1/20-1/100;

Images

Western blot detection of PARK7/DJ1 in K562,Rat Brain,C6,3T3,Hela cell lysates using PARK7/DJ1 Rabbit mAb(1:1000 diluted).Predicted band size:20kDa.Observed band size:22kDa.

Immunofluorescence of PARK7/DJ1 (green) in Hela using PARK7/DJ1 antibody at dilution 1/2, and DAPI(blue)

Immunohistochemistry of PARK7/DJ1 in paraffin-embedded Human tonsil using PARK7/DJ1 Rabbit mAb at dilution 1/100

Background

Swiss-Prot Acc.Q99497.As a protein deglycase, repairs methylglyoxal- and glyoxal-glycated proteins, and releases repaired proteins and lactate or glycolate, respectively. Deglycates cysteine, arginine and lysine residues in proteins, and thus reactivates these proteins by reversing glycation by glyoxals. Acts on early glycation intermediates (hemithioacetals and aminocarbinols), preventing the formation of advanced glycation endproducts (AGE) that cause irreversible damage

Note: This product is for in vitro research use only