Anti-DJ-1 [E2-1A]

Catalogue number: 160671
Sub-type: Primary antibody
Images:

Contributor

Inventor: Yaacov Hod
Institute: Stony Brook University
Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-DJ-1 [E2-1A]

Alternate name: PARK7

Class: Monoclonal
Conjugate: Unconjugated
Description: DJ-1 is a broadly conserved protein among both prokaryotic and eukaryotic cells. It has been identified as playing a diverse role in a range of cellular processes. DJ-1 was originally proposed to be a pro-oncogene, and has since been shown to be expressed at varying levels in breast, non-small cell lung and prostate cancer. It has been demonstrated to paly a role in the regulation of RNA-binding proteins as well as the regulation of testicular androgen receptors and fertilization. In addition, mutations in DJ-1 have been linked to autosomal recessive early-onset familial Parkinson's disease, and have been shown to be a key component of the oxidative stress and ubiquitin-proteasome system response (see Hod, 2004 PMID: 15258905 for additional details).
Purpose:
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype: IgM
Reactivity: Human
Selectivity:
Host: Mouse
Immunogen: Full length recombinant human DJ-1
Immunogen UNIPROT ID:
Sequence:
Growth properties:

Production details:
Formulation:
Recommended controls:
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: DJ-1

Target alternate names:

Target background: DJ-1 is a broadly conserved protein among both prokaryotic and eukaryotic cells. It has been identified as playing a diverse role in a range of cellular processes. DJ-1 was originally proposed to be a pro-oncogene, and has since been shown to be expressed at varying levels in breast, non-small cell lung and prostate cancer. It has been demonstrated to paly a role in the regulation of RNA-binding proteins as well as the regulation of testicular androgen receptors and fertilization. In addition, mutations in DJ-1 have been linked to autosomal recessive early-onset familial Parkinson's disease, and have been shown to be a key component of the oxidative stress and ubiquitin-proteasome system response (see Hod, 2004 PMID: 15258905 for additional details).

Molecular weight: 24 kDa

Ic50:

Applications

Application: IHC ; WB
Application notes:

Handling

Format: Liquid
Concentration:
Passage number:
Growth medium:
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer:
Storage conditions:
Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: