

CoraLite®594-conjugated PARK2/Parkin Monoclonal antibody

Catalog Number: **CL594-66674**

Basic Information

Catalog Number:

CL594-66674

Size:

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG5179

GenBank Accession Number:

BC022014

GeneID (NCBI):

5071

UNIPROT ID:

O60260

Full Name:

Parkinson disease (autosomal recessive, juvenile) 2, parkin

Calculated MW:

52 kDa

Observed MW:

42-52 kDa

Purification Method:

Protein A purification

CloneNo.:

2H5A7

Excitation/Emission maxima wavelengths:

588 nm / 604 nm

Applications

Tested Applications:

Species Specificity:

Human, Mouse

Background Information

Parkin, a RING-type E3 ubiquitin-protein ligase, is involved in the ubiquitination pathway and contributes to protection from neurotoxicity induced by unfolded protein stresses. Its ubiquitin-protein ligase activity promotes the degradation of a variety of proteins including itself. Mutations in Parkin are implicated in the pathogenesis of autosomal recessive familial Parkinson's disease. It has 8 isoforms produced by alternative splicing.

Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

