



Anti-LRRK2/Dardarin, NeuroMab clone 8G10

Available as TC supe (RRID:AB_2315881) and Pure IgG (RRID:AB_2315882)

Immunogen:

Fusion protein amino acids 100-500 (N-terminus) of human LRRK2 (also known as Leucine-rich repeat serine/threonine-protein kinase 2, Dardarin and PARK8, accession number Q5S007)

Mouse: 82% identity (332/401 amino acids identical)

Rat: 82% identity (330/401 amino acids identical)

<30% identity with LRRK1

Epitope mapped to within amino acids 390-396 (DEDGHFP) by PEPperPRINT through work funded by The Michael J. Fox Foundation for Parkinson's Research.

Hybridoma kindly donated by Professor Dario Alessi, University of Dundee, Scotland, UK and The Michael J. Fox Foundation for Parkinson's Research.

Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG1

NeuroMab Applications:

Immunoblot, Immunocytochemistry and Immunohistochemistry

Species Reactivity: human, rat, mouse

MW: >200 kDa

Immunoblot versus crude membranes from adult rat brain (RBM) and wild-type (WT) and LRRK2

KO mouse brains probed with 8G10

(left), N241A/34 (middle) and

K89/34 (right) TC supe. Mouse

brain samples provided by Xiaojie

Li, Ted Dawson and Valina

Dawson, Johns Hopkins University.

Adult rat brain

immunohistochemistry (with antigen retrieval via sodium citrate pretreatment)

