

UC Davis/NIH NeuroMab Facility

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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.

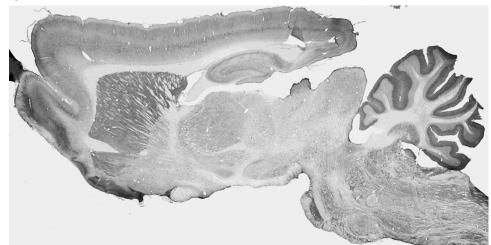
Hybridoma kindly donated by Professor Dario Alessi, University of Dundee, Scotland, UK and The Michael J. Fox Foundation for Parkinson's Research.

Monoclonal antibody info: Mouse strain: Balb/C		RBI WT	RB WT	KO WT
Myeloma cell: SP2/0 Mouse Ig Isotype: IgG1	500 — 279 — 251			L.
NeuroMab Applications: Immunoblot, Immunocytochemistry and Immunohistochemistry	164 —	PT 1		
Species Reactivity: human, rat, mouse	98 —	o til		
MW: >200 kDa	64 —			0.3
Immunoblot versus crude membranes from adult rat brain (RBM) and wild-type (WT) and I RRK2	;	8G10 anti-LRRK	N241A/34 2 anti-LRRK2	K89/34 anti-Kv2.1

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)



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