To view our extensive range of antibodies for Parkinson's disease, please visit:
www.abcam.com/MJFF

For licensing opportunities please contact:
partnerships@abcam.com

THE MICHAEL J. FOX FOUNDATION
FOR PARKINSON'S RESEARCH

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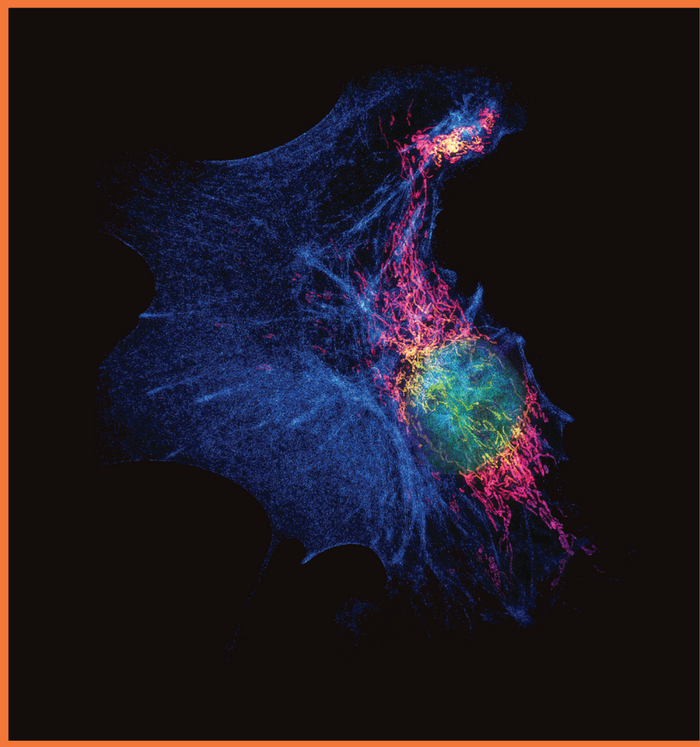
Together, we're advancing Parkinson's research

Working alongside The Michael J. Fox Foundation (MJFF), we're establishing a set of precise and validated tools to progress therapeutic development. These include recombinant antibodies, proteins, and ELISAs against crucial Parkinson's disease targets.



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RabMAb® technology enables us to develop specific and sensitive antibodies capable of detecting complex targets, including post-translational modifications and conformation-specific sites. We also offer a wide range of carrier-free formats and conjugate labels, so you can customize each antibody to fit your needs.

Alpha-synuclein
SNCA was the first gene to be linked to Parkinson's disease and remains the most promising link to Parkinson's pathogenesis. Alpha-synuclein, the protein encoded by this gene, is a major component of Lewy bodies, a type of intraneuronal aggregate. Build up of these aggregates within neurons causes the loss of motor control associated with Parkinson's disease.

Anti-Alpha-synuclein antibody [MJFR1] (ab138501)
This antibody targeting the unmodified form of alpha-synuclein presents a versatile reagent that can be used in various applications (ICC, IHC, WB, IP, FC) with human samples.

Anti-Alpha-synuclein (phospho S129) antibody [MJF-R13 (8-8)] (ab168381)
Alpha-synuclein undergoes post-translational modifications including phosphorylation at Serine 129. This modification may affect alpha-synuclein aggregation and may also serve as marker of disease pathogenesis. With the advent of this pS129-specific antibody, MJFF hopes to ensure that the putative role of this modification can be further examined.

Anti-Alpha-synuclein aggregate antibody [MJFR-14-6-4-2] – Conformation-Specific (ab209538)
Our conformation-specific alpha-synuclein antibody provides unique specificity for aggregated forms of alpha-synuclein, the reagent has been validated in IHC, ICC, and dot blot.

LRRK2
LRRK2 gene mutations are one of the most common causes of inherited Parkinson's disease. While it is the focus of intensive research in the Parkinson's field, a lack of high-quality antibodies against LRRK2 and phosphorylated LRRK2 has been a major roadblock to the successful development of LRRK2-based therapies.

Anti-LRRK2 [MJFF2 (c412)] (ab133474)
Validated with human and mouse samples in WB, IP and ICC, this highly cited antibody is ideal for detecting and purifying LRRK2 protein to further Parkinson's research and advance future breakthroughs.

Anti-LRRK2 (phospho S935) [UDD2 10(12)] (ab133450)
This antibody is of great value for further understanding LRRK2 activity and Parkinson's disease as well as assessing the efficacy of LRRK2 inhibitors currently being developed; validated with human and mouse samples in WB.

RAB GTPases
Certain Rabs are linked to Parkinson's disease through disease-associated mutations or interactions with key disease-related proteins like alpha-synuclein and LRRK2. LRRK2 can phosphorylate Rab proteins, including Rab8A, Rab10, and Rab29. Our phospho-specific Rab antibodies can help assess LRRK2 activity and the impact of LRRK2 inhibitors.

View our available reagents

"We are excited that [abcam] will continue to help MJFF remove barriers to developing Parkinson's therapies."

Mark Frasier, PhD, Co-Chief Scientific Officer, MJFF

Product Name	Standard Antibody	BSA/Azide free Antibody	Protein	Sandwich ELISA
Alpha-synuclein				
Anti-Alpha-synuclein antibody [MJFR1]	ab138501	ab209420		
Anti-Alpha-synuclein (phospho S129) antibody [MJF-R13 (8-8)]	ab168381	ab209421		
Anti-Alpha-synuclein aggregate antibody [MJFR-14-6-4-2] - Conformation-Specific	ab209538	ab214033		
Human Alpha-synuclein ELISA Kit				ab260052
Recombinant human Alpha-Synuclein protein filament			ab254309	
Recombinant human Alpha-Synuclein protein monomer			ab254310	
LRRK2				
Anti-LRRK2 antibody [MJFF5 (68-7)]	ab181386	ab237040		
Anti-LRRK2 antibody [UDD3 30(12)]	ab133518	ab170993		
Anti-LRRK2 antibody [MJFF2 (c41-2)]	ab133474	ab172378		
Anti-LRRK2 antibody [MJFF3 (c69-6)]	ab133475	ab183216		
Anti-LRRK2 antibody [MJFF4 (c81-8)]	ab133476	ab256587		
Anti-LRRK2 (phospho S910) antibody [UDD1 15(3)]	ab133449	ab172381		
Anti-LRRK2 (phospho S935) antibody [UDD2 10(12)]	ab133450	ab172382		
Anti-LRRK2 (phospho S955) antibody [MJF-R11 (75-1)]	ab169521	ab172380		
Anti-LRRK2 (phospho S973) antibody [MJF-R12 (37-1)]	ab181364	ab250490		
Anti-LRRK2 (phospho S1292) antibody [MJFR-19-7-8]	ab203181	ab256581		
Anti-LRRK2 (phospho T1357) antibody [MJF-R29-52]	ab270606	ab270617		
Anti-LRRK2 (phospho T1410) antibody [MJFR4-25-5]	ab140107	ab248886		
Anti-LRRK2 (phospho T1491) antibody [MJFR5-88-3]	ab140106	ab206034		
Anti-LRRK2 (phospho T1503) antibody [MJF-R6 (227-1a)]	ab154423	ab249095		
Anti-LRRK2 (phospho T2483) antibody [MJF-R8 (21-2e)]	ab156577	ab249271		
RAB GTPases				
Anti-RAB7 antibody [EPR7589]	ab137029	ab214806		
Anti-RAB7 (phospho S72) antibody [MJF-R38-1]	ab302494	ab302495		
Anti-RAB8A antibody [MJF-R22-79-3]	ab241061	ab243568		
Anti-RAB8A antibody [MJF-R22]	ab237702	ab238651		
Anti-RAB8A (phospho T72) antibody [MJF-R20]	ab230260	ab231706		
Anti-RAB8A (phospho S111) antibody [MJF-R27-30]	ab267492	ab267493		
Human RAB8 ELISA Kit				ab255718
Anti-RAB10 antibody [MJF-R23]	ab237703	ab238655		
Anti-RAB10 (phospho T73) antibody [MJF-R21-22-5]	ab241060	ab243293		
Anti-RAB10 (phospho T73) antibody [MJF-R21]	ab230261	ab231707		
RAB10 ELISA Kit				ab255717
Anti-RAB12 (phospho S106) antibody [MJF-R25-9]	ab256487	ab256765		
Anti-RAB29 antibody [MJF-R30-124]	ab256526	ab256547		
Anti-RAB29 antibody [MJF-R30-104]	ab256527	ab256548		
Anti-RAB29 (phospho T71) antibody [MJF-R24-17-1]	ab241062	ab243289		
Anti-RAB29 (phospho S72) antibody [MJF-R40-R3-H3]	ab291075	ab291095		
Anti-RAB35 antibody [MJF-R34-25]	ab288567	ab288576		
Other				
Anti-PARK7/DJ1 antibody [MJF-R16 (66-5)] - Oxidized	ab169520	ab218374		
Anti-PINK1 antibody [MJF-R32-7]	ab300623	ab300624		
Anti-PINK1 (phospho T257) antibody [MJF-R36B-BCC-50]	ab303532	ab303533		
Anti-GPNMB antibody [EPR22011-11]	ab222109	ab236209		
Anti-GBA antibody [EPR5142]	ab125065	ab215261		
Anti-VPS35 antibody [EPR11501(B)]	ab157220	ab240141		
Anti-RILPL1 antibody [MJF-R41-21]	ab302492	ab302493		
Anti-SQSTM1 / p62 antibody [EPR4844]	ab109012	ab219581		
Anti-SQSTM1 / p62 (phospho T138) antibody [MJF-R44-20]	ab285164	ab285172		