

Anti-LRRK2/Dardarin, C-Terminus Recombinant Chicken Chimeric mAb

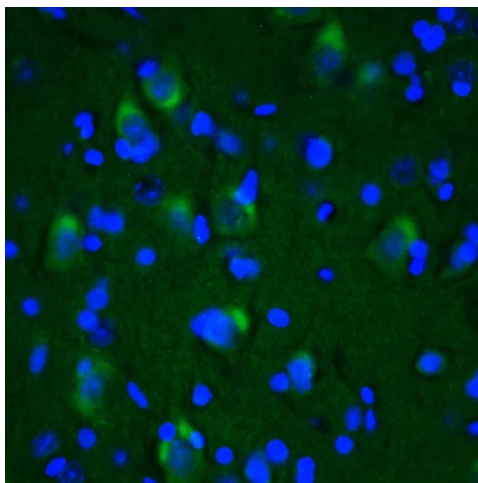


Product Details

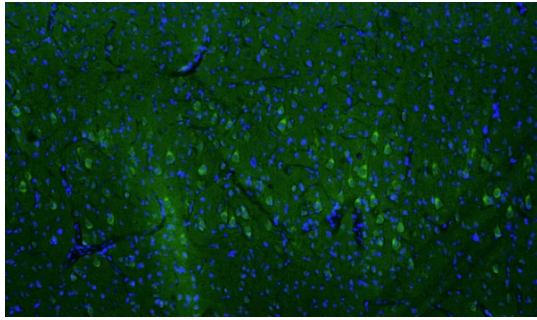
Available Variants	100 µL (SKU:78-253) 20 µL (SKU:78-253-020)
Conjugate	Unconjugated
Isotype	IgY
Clone	N241A/34
Gene Name	LRRK2 PARK8
Host Species	Chicken
Concentration	1 mg/mL
Format	Purified by affinity chromatography
Physical State	Liquid
Buffer	1X PBS, 0.05% Sodium Azide pH 7.4
Production Notes	This recombinant antibody is a chimeric antibody created by replacing the mouse heavy and light constant regions of clone N241A/34 with chicken IgY heavy and light constant regions. As such this antibody retains the same binding performance as the original clone N241A/34 but can be detected using standard anti-chicken secondary antibodies allowing flexibility for multiplexing applications. This antibody is expressed recombinantly in mammalian cells and then affinity purified from the cell culture media.
Applications	ELISA, ICC, IHC, IP, WB
Dilution Ranges	WB: 1:1000 IHC: 1:500 ICC: 1:500
Species Reactivity	Drosophila, Human, Mouse, Non-Human Primate, Rat

Immunogen	Fusion protein amino acids 970-2527 (C-terminus) of human LRRK2 (accession number Q5SS00) produced recombinantly in E. Coli.
Specificity	No cross-reactivity reported
Molecular Weight	>200 kDa
Quality Control	Each new lot of antibody is quality control tested by western blot on rat whole brain lysate and confirmed to stain the expected molecular weight band.
Storage	Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$. For maximum recovery of product, centrifuge the vial prior to removing the cap.
UniProt ID	<u>Q5S007</u>
Country of Origin	United States
Shipping	Shipped on ice packs
Expiration	24 months from date of receipt
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.

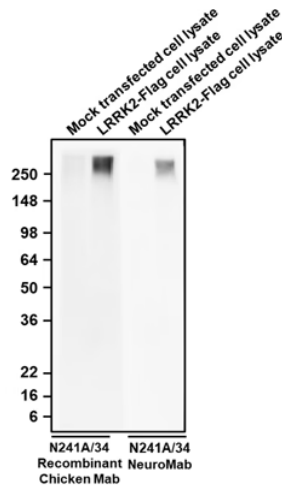
Product Images



Representative section of formalin fixed, paraffin-embedded rat brain cerebral cortex showing cells stained by anti-LRRK2/Dardarin antibody. The sections were stained with Aves Labs anti-LRRK2 recombinant chicken monoclonal antibody (visualized in green, Cat No. 78-253). The stained sections were mounted with Antibodies Incorporated Fluoroshield with DAPI and DABCO mounting medium (Cat. AR-6505). DAPI nuclear stain (blue) shows cell nuclei.



Representative section of formalin fixed, paraffin-embedded rat brain cerebral cortex showing cells stained by anti-LRRK2/Dardarin antibody. The sections were stained with Aves Labs anti-LRRK2 recombinant chicken monoclonal antibody (visualized in green, Cat No. 78-253). The stained sections were mounted with Antibodies Incorporated Fluoroshield with DAPI and DABCO mounting medium (Cat. AR-6505). DAPI nuclear stain (blue) shows cell nuclei.



Western blotting of mock transfected and LRRK2-FLAG transfected COS-7 lysates with anti-LRRK2/Dardarin mouse Mab (Cat.75-253) and Aves Labs anti-LRRK2/Dardarin recombinant chicken Mab (Cat. 78-253) antibody. The mouse Mab and chicken Mab were detected with anti-mouse-HRP and anti-chicken-HRP, respectively. Aves Labs Recombinant Chicken anti-LRRK2 Mab recognizes exogenous LRRK2 with similar sensitivity as the anti-LRRK2 NeuroMab only in LRRK2-FLAG transfected COS-7 lysates at >200kDa.

Product Page URL: www.antibodiesinc.com/products/anti-lrrk2-dardarin-c-terminus-recombinant-antibody-n241a-34-78-253



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