

AB-NK303-1

LRRK2/Dardarin Antibody

Pan-specific monoclonal antibody (S231B-34) for monitoring the expression of human protein-serine/threonine kinase LRRK2/Dardarin



KINEXUS

Address: 8755 Ash Street, Suite 1
Vancouver, British Columbia,
Canada V6P 6T3

Email: info@kinexus.ca
Phone: 604-323-2547

Target Protein

Name Long:	Leucine-rich repeat serine/threonine-protein kinase 2 (Dardarin)
Alias:	Leucine-rich repeat kinase 2, RIP7, PARK8, Dardarin, ROCO 2, RIPK7, Leucine-rich repeat serine/threonine-protein kinase 2, augmented in rheumatoid arthritis 17
UniProt ID:	Q5S007 - Human
Human Predicted Mass (KDa):	286.103 (2527 AA; Q5S007-1)
Observed SDS-PAGE Mass (KDa):	200

Immunogen

Antibody Immunogen Source:	Fusion protein amino acids 841-960 of human LRRK2. 81% identical in mouse, 80% identical in rat. <30% identity with LRRK1.
-----------------------------------	--

Production

Antibody Host Species:	Mouse
Antibody Type:	Monoclonal
Antibody Ig Isotype Clone Lot:	156 IgG2a
Antibody Purification:	Protein G purified
Amount:	25 µg
Antibody Concentration:	1 mg/ml
Lot Number:	15DE1
Storage Buffer:	Phosphate buffered saline pH 7.4, 50% glycerol, 0.1% sodium azide
Storage Conditions and Stability:	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.

Applications

Product Use:	WB IHC ICC/IF
Antibody Dilution Recommended:	WB (1:100); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Human Rat
Antibody Positive Control:	10 µg/ml of SMC-445 was sufficient for detection of LRRK2/Dardarin in 20 µg of rat brain lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	Detects a >200 kDa protein.

This product is for in vitro research use only and is not intended for use in humans or animals.

For more information on our products please visit www.kinexusproducts.ca or contact us at 1-888-546-3987