

# AB-NK303-2

## LRRK2/Dardarin Antibody

Pan-specific monoclonal antibody (S138-6) for monitoring the expression of human protein-serine/threonine kinase LRRK2/Dardarin



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### Target Protein

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

### Immunogen

<b>Antibody Immunogen Source:</b>	Fusion protein, amino acids 1-500 (N-terminus) of human LRRK2. 83% identical in mouse and rat. No significant identity with LRRK1.
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### Production

<b>Antibody Host Species:</b>	Mouse
<b>Antibody Type:</b>	Monoclonal
<b>Antibody Ig Isotype Clone Lot:</b>	155 IgG1
<b>Antibody Purification:</b>	Protein G purified
<b>Amount:</b>	25 µg
<b>Antibody Concentration:</b>	1 mg/ml
<b>Lot Number:</b>	15DE1
<b>Storage Buffer:</b>	Phosphate buffered saline pH 7.4, 50% glycerol, 0.1% sodium azide
<b>Storage Conditions and Stability:</b>	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

<b>Product Use:</b>	WB   ICC/IF
<b>Antibody Dilution Recommended:</b>	WB (1:1000); optimal dilutions for assays should be determined by the user.
<b>Antibody Species Reactivity:</b>	Human   Mouse   Rat
<b>Antibody Positive Control:</b>	1 µg/ml of SMC-446 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.
<b>Target Detection Immunoblotting:</b>	Detects a >200 kDa protein.

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

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