



# Rabbit Anti-Human LRRK2 Monoclonal Antibody, clone NKGG3(d52-3) (CABT-Z613R)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Immunogen</b>	Recombinant fragment within Human LRRK2 aa 950 to the C-terminus.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse
<b>Clone</b>	NKGG3(d52-3)
<b>Purification</b>	Protein A purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ICC/IF, WB, IP Recommended dilution: ICC/IF: 1:50 WB: 1:10000-1:50000
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	100 µl
<b>Buffer</b>	59% PBS, 40% Glycerol (glycerin, glycerine), 0.5% BSA, pH 7.2.
<b>Preservative</b>	0.01% Sodium azide
<b>Storage</b>	Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Stable for 12 months at -20°C.

---

Ship

Wet ice

---

## BACKGROUND

**Introduction**

LRRK2 (Leucine-rich repeat kinase 2, dardarin) is a protein kinase belonging to the ROCO family, which is defined by the presence of a ROC (Ras/GTPase of complex proteins) domain and COR (C-terminal of Roc) region. LRRK2 exhibits kinase activity whereby it can undergo autophosphorylation and can phosphorylate generic substrates. In addition, the GTPase domain of LRRK2 can mediate GDP (guanosine-5'-diphosphate)/GTP (guanosine-5'-triphosphate) binding as well as GTP hydrolysis.

---

**Keywords**

LRRK2;leucine-rich repeat kinase 2;PARK8;Parkinson disease (autosomal dominant) 8;leucine-rich repeat serine/threonine-protein kinase 2;DKFZp434H2111;FLJ45829;RIPK7;ROCO2;augmented in rheumatoid arthritis 17;AURA17;Dardarin;Leucine rich repeat

---

## GENE INFORMATION

Gene Name LRRK2

---

Entrez Gene ID [120892](#)

---

UniProt ID [Q5S007](#)

---