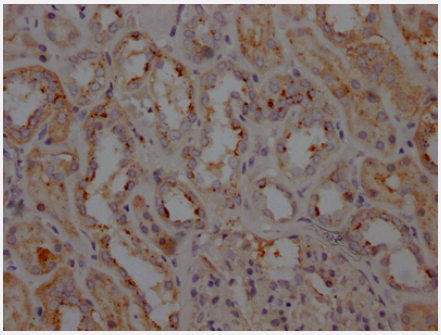
RecomAb™

LRRK2 recombinant monoclonal antibody, clone 4E9

Catalog # RAB04143 Size 100 uL

Applications



Immunohistochemistry

Immunohistochemistry image of LRRK2 recombinant monoclonal antibody, clone 4E9 diluted at 1:100 and staining in paraffin-embedded human kidney tissue performed on a Leica BondTM system.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human LRRK2.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to full length human LRRK2.
Reactivity	Human
Form	Liquid
Purification	Affinity-chromatography
Isotype	IgG
Recommend Usage	ELISA Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 50% glycerol and 0.02% sodium azide)
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.

Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry

  Immunohistochemistry image of LRRK2 recombinant monoclonal antibody, clone 4E9 diluted at 1:100 and staining in paraffin-embedded human kidney tissue performed on a Leica BondTM system.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — LRRK2

Entrez GeneID	120892
Protein Accession#	Q5S007
Gene Name	LRRK2
Gene Alias	AURA17, DARDARIN, PARK8, RIPK7, ROCO2
Gene Description	leucine-rich repeat kinase 2
Omim ID	607060 609007
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the leucine-rich repeat kinase family and encodes a protein with an ank ryin repeat region, a leucine-rich repeat (LRR) domain, a kinase domain, a DFG-like motif, a RAS domain, a GTPase domain, a MLK-like domain, and a WD40 domain. The protein is present larg ely in the cytoplasm but also associates with the mitochondrial outer membrane. Mutations in this gene have been associated with Parkinson disease-8. [provided by RefSeq
Other Designations	Parkinson disease (autosomal dominant) 8|augmented in rheumatoid arthritis 17

Disease

- Alzheimer disease
- Aphasia
- Chromosome Aberrations

- Cognition
- Cognition Disorders
- Crohn Disease
- Dementia
- Disease Progression
- Dominance
- Dyskinesias
- Dystonic Disorders
- Essential tremor
- Functional Laterality
- Gaucher disease
- Genetic Predisposition to Disease
- Heredodegenerative Disorders
- Huntington disease
- Inflammatory Bowel Diseases
- Leprosy
- Malignant melanoma
- Melanoma
- Mental Status Schedule
- Mood Disorders
- Motor Skills Disorders
- Movement Disorders
- Multiple System Atrophy
- Muscle Rigidity
- Neurodegenerative Diseases
- Neuropsychological Tests

- Olfaction Disorders
- Parkinson disease
- Parkinsonian Disorders
- Postmortem Changes
- Recurrence
- Spinocerebellar Degenerations
- Supranuclear Palsy
- Tobacco Use Disorder
- Tremor