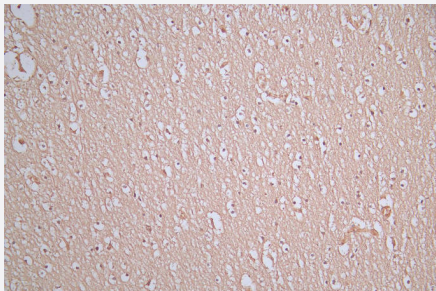


RecomAb™

SNCA recombinant monoclonal antibody, clone 10E5

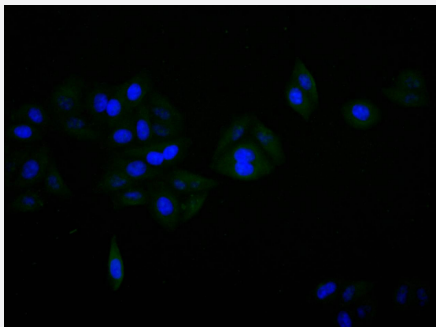
Catalog # RAB07804 Size 100 uL

Applications



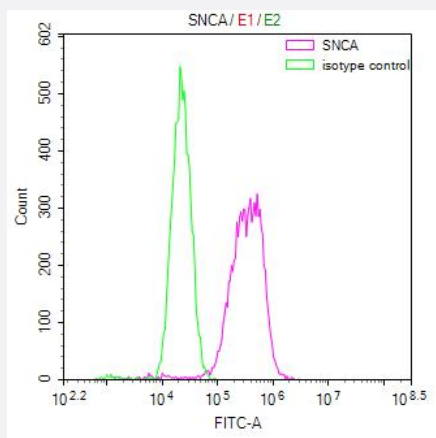
Immunohistochemistry

Immunohistochemistry image of SNCA recombinant monoclonal antibody, clone 10E5 diluted at 1:100 and staining in paraffin-embedded human brain tissue performed on a Leica Bond™ system.



Immunofluorescence

Immunofluorescence staining of SH-SY5Y Cells with SNCA recombinant monoclonal antibody, clone 10E5 at 1:300, counter-stained with DAPI.



Flow Cytometry

Overlay Peak curve showing SH-SY5Y cells stained with SNCA recombinant monoclonal antibody, clone 10E5 (red line) at 1:100.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human SNCA.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human SNCA.
Reactivity	Human
Form	Liquid
Purification	Affinity chromatography purification
Isotype	IgG
Recommend Usage	ELISA Flow Cytometry(1:50-1:200) Immunohistochemistry(1:50-1:200) Immunofluorescence(1:20-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 0.02% sodium azide and 50% glycerol)
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 should be handled by trained staff only.

Applications

- Immunohistochemistry

Immunohistochemistry image of SNCA recombinant monoclonal antibody, clone 10E5 diluted at 1:100 and staining in paraffin-embedded human brain tissue performed on a Leica Bond™ system.

- Immunofluorescence

Immunofluorescence staining of SH-SY5Y Cells with SNCA recombinant monoclonal antibody, clone 10E5 at 1:300, counter-stained with DAPI.

- Enzyme-linked Immunoabsorbent Assay

- Flow Cytometry

Overlay Peak curve showing SH-SY5Y cells stained with SNCA recombinant monoclonal antibody, clone 10E5 (red line) at 1:100.

Gene Info — SNCA

Entrez GeneID	6622
Protein Accession#	P37840
Gene Name	SNCA
Gene Alias	MGC110988, NACP, PARK1, PARK4, PD1
Gene Description	synuclein, alpha (non A4 component of amyloid precursor)
Omim ID	127750 163890 168601 605543
Gene Ontology	Hyperlink
Gene Summary	Alpha-synuclein is a member of the synuclein family, which also includes beta- and gamma-synuclein. Synucleins are abundantly expressed in the brain and alpha- and beta-synuclein inhibit phospholipase D2 selectively. SNCA may serve to integrate presynaptic signaling and membrane trafficking. Defects in SNCA have been implicated in the pathogenesis of Parkinson disease. SNCA peptides are a major component of amyloid plaques in the brains of patients with Alzheimer's disease. Four alternatively spliced transcripts encoding two different isoforms have been identified for this gene. [provided by RefSeq]
Other Designations	OTTHUMP00000161559 OTTHUMP00000161561 alpha synuclein alpha-synuclein alpha-synuclein, isoform NACP140 non A-beta component of AD amyloid non A4 component of amyloid

Disease

- [Alcoholism](#)
- [Alzheimer disease](#)
- [Amphetamine-Related Disorders](#)
- [Association Learning](#)
- [Attention](#)
- [Cardiovascular Diseases](#)
- [Chromosome Breakage](#)
- [Cognition Disorders](#)
- [Color Perception](#)
- [Cystic fibrosis](#)

- [Dementia](#)
- [Diabetes Complications](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Essential tremor](#)
- [Genetic Predisposition to Disease](#)
- [Lewy Body Disease](#)
- [Mental Recall](#)
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- [Movement Disorders](#)
- [Multiple System Atrophy](#)
- [Neoplasms](#)
- [Nerve Degeneration](#)
- [Neuroblastoma](#)
- [Neurodegenerative Diseases](#)
- [Neuropsychological Tests](#)
- [Olfaction Disorders](#)
- [Osteoporosis](#)
- [Parkinson disease](#)
- [Parkinsonian Disorders](#)
- [Psychological Tests](#)
- [Psychomotor Performance](#)
- [Psychoses](#)
- [Serial Learning](#)
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- [Substance-Related Disorders](#)

- [Thrombophilia](#)
- [Tobacco Use Disorder](#)