



# Magic™ Anti-alpha Synuclein (Phospho S129) monoclonal antibody, clone Q-tzo/92B (DCABH-7907)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Mouse monoclonal to alpha Synuclein (phospho S129)
<b>Antigen Description</b>	May be involved in the regulation of dopamine release and transport. Induces fibrillization of microtubule-associated protein tau. Reduces neuronal responsiveness to various apoptotic stimuli, leading to a decreased caspase-3 activation.
<b>Target</b>	alpha Synuclein
<b>Immunogen</b>	Synthetic peptide corresponding to Human alpha Synuclein aa 124-134 (phospho S129) conjugated to Keyhole Limpet Haemocyanin (KLH) (Cysteine residue). Sequence: AYEMPSEEGYQ Database link: P37840
<b>Isotype</b>	IgG2a
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	Q-tzo/92B
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-P
<b>Positive Control</b>	Diseased Human brain tissue.
<b>Format</b>	Liquid
<b>Size</b>	50 µl

<b>Buffer</b>	Constituent: 100% PBS
<b>Preservative</b>	None
<b>Storage</b>	Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Ship</b>	Shipped at 4°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">SNCA synuclein, alpha (non A4 component of amyloid precursor) [ Homo sapiens ]</a>
<b>Official Symbol</b>	SNCA
<b>Synonyms</b>	SNCA; synuclein, alpha (non A4 component of amyloid precursor); PARK1, PARK4, Parkinson disease (autosomal dominant, Lewy body) 4; alpha-synuclein; alpha synuclein; NACP; PD1; synuclein alpha-140; non A-beta component of AD amyloid; PARK1; PARK4; MGC1109
<b>Entrez Gene ID</b>	<a href="#">6622</a>
<b>Protein Refseq</b>	<a href="#">NP_000336</a>
<b>UniProt ID</b>	<a href="#">P37840</a>
<b>Chromosome Location</b>	4q21.3-q22
<b>Pathway</b>	Alpha-synuclein signaling, organism-specific biosystem; Alzheimers disease, organism-specific biosystem; Alzheimers disease, conserved biosystem; Amyloids, organism-specific biosystem; Disease, organism-specific biosystem; EGFR1 Signaling Pathway, organism-specific biosystem; Parkinsons disease, organism-specific biosystem;
<b>Function</b>	Hsp70 protein binding; alpha-tubulin binding; arachidonic acid binding; calcium ion binding; copper ion binding; cysteine-type endopeptidase inhibitor activity involved in apoptotic process; dynein binding; NOT fatty acid binding; ferrous iron binding; hi