

## Mouse Monoclonal Antibody to SNCA

<b>Catalogue Number</b>	sAP-0060
<b>Target Molecule</b>	<p><b>Name:</b> SNCA</p> <p><b>Aliases:</b> PD1; NACP; PARK1; PARK4; MGC110988</p> <p><b>MW:</b> N/A</p> <p><b>Entrez Gene ID:</b> 6622</p>
<b>Description</b>	Alpha-synuclein (SNCA), with 140-amino acid protein (about 15kDa), belongs to the synuclein family, which also includes beta- and gamma-synuclein. SNCA is a soluble protein, expressed principally in the brain but also expressed in low concentrations in all tissues examined (except liver). SNCA is implicated in the regulation of dopamine release and transport. The triplication of the SNCA can cause Parkinson disease (PD) and diffuse Lewy body disease within the same kindred. SNCA peptides are a major component of amyloid plaques in the brains of patients with Alzheimer's disease. Immunohistochemistry for SNCA has become the histological technique of choice for the diagnosis for Parkinson's disease, Dementia with Lewy bodies and Multiple System Atrophy.
<b>Immunogen</b>	Purified recombinant fragment of SNCA expressed in E. Coli. ; ;
<b>Recitative Species</b>	Human
<b>Clone</b>	MM2B2D1;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1. J. Johnson, S. M. Hague, M. Hanson. Neurology, Aug 2004; 63: 554 – 556 ; 2. Hong Tao Li, Xiao Jing Lin, Yuan Yuan Xie. Protein Pept Lett. 2006;13(4):385-90. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**