

Anti-human α -Synuclein mab 5G4

Catalogue number	Package size
847-0102004001	100 μ g
847-0102004003	1 mg

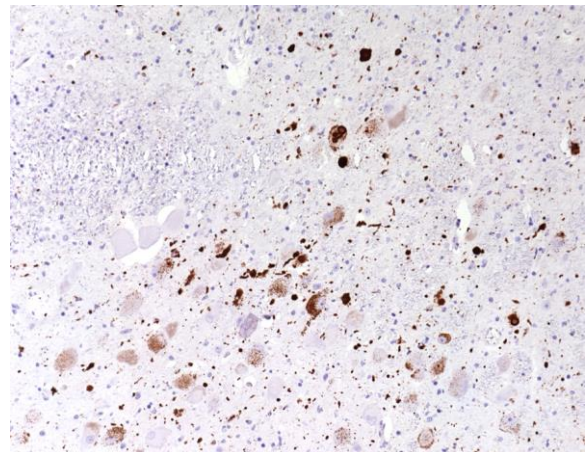
For research use only.

Product:	monoclonal antibody
Clone:	5G4
Host:	mouse
Isotype:	IgG1 _k
Immunogen:	amino acid sequence 44-57 TKEGVVHGVATVAE
Specificity:	human α -Synuclein oligomers only, amino acids 47-52 (EGVVHGVA) in β -sheet
Purification:	purified by affinity chromatography
Purity:	> 95% by SDS-PAGE
Solution:	PBS pH 7.4 without additives
Storage:	at -20 °C (repeated thawing and freezing should be avoided)
Applications:	ELISA, Western Blot, Immunohistochemistry (see figure below)
Dilution:	2 ng/ml in ELISA, 1 μ g/ml in Western Blot, 1-5 μ g/ml in IHC
Reactivity:	human α -Synuclein pathological related forms only

Figure 1

Detection of α -Synuclein aggregates using monoclonal antibody 5G4 in Loc. Coeruleus of Parkinson disease brain tissue.

Analyses were kindly performed by Dr. Gabor Kovacs, Medical University Vienna, Institute of Neurology, Austria.



Roboscreen GmbH
Hohmannstraße 7
04129 Leipzig • Germany

CEO
Dr. Ingolf Lachmann

Phone: +49 341 989 734 0
Fax: +49 341 989 734 199
info@roboscreen.com
www.roboscreen.com

Ust-IdNr. DE 813064314
County Court Leipzig
HRB 17503
Leipzig