

Product Datasheet

ASyO5 antibody (orb303321)

Description

Mouse monoclonal antibody to ASyO5

Species/Host

Mouse

Reactivity

Human

Conjugation

Unconjugated

Tested

ELISA

Applications
Immunogen

synthetic peptide derived from human alpha-synuclein Gly111-Tyr125

Form/Appearance

Lyophilized

Storage

Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube.

Note

For research use only

Application notes

Alpha-synuclein is normally an unstructured soluble protein that can aggregate to form insoluble fibrils in pathological conditions characterized by Lewy bodies, such as Parkinson's disease, dementia with Lewy-bodies, and multiple system atrophy. In analogy to many other amyloid associated disorders, alpha-synuclein may also form oligomeric assemblies. These small and soluble forms have been suggested to exert a stronger tissue damaging effect as compared to the monomeric and fibrillar counterpart. Using a recently developed technique a monoclonal oligomer-specific antibody has been designed.

Isotype

IgG1

Clonality

Monoclonal

Purity

Immunogen affinity purified serum in PBS pH 7.4.

MW

14 kDa

Dilution Range

ELISA: 2-4 µg/ml

Expiration Date

12 months from date of receipt.