

Mouse anti- α -Synuclein

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Catalog Number: 328100

Store at 2 to 8°C (short-term), or -20°C (long-term)

Clonality: Monoclonal
Concentration: 0.5 mg/mL
Quantity: 100 μ g
Volume: 200 μ L

Host/Class: Mouse IgG_{1k}
Reactivity: Human

Product Description

Human α -Synuclein is predominantly a presynaptic neuronal protein that has been localized in close proximity to synaptic vesicles. Studies have revealed that this protein is mostly cytosolic, although a fraction may be associated with vesicular membranes. In addition, α -synuclein binds to small synthetic unilamellar vesicles and rat brain vesicles, suggesting that α -synuclein may play a role in neurotransmission or in the organization and regulation of synaptic vesicles. This antibody reacts with the α -synuclein protein. This antibody does not cross react with β - or γ -synuclein or synoretin. During development reactivity was confirmed with human. Reactivity with other species has not been tested.

Product Specifications

Immunogen: Recombinant human α -synuclein
Clone/PAD: Syn 211
Lot: See product label

Product Applications

Application	Concentration
Western Blotting	1–3 μ g/mL
Immunoprecipitation	Working concentration needs to be empirically determined by the user.
IHC (paraffin)	

Storage and Handling

Store at 2 to 8°C for up to one month. Store at -20°C for long term storage. Avoid repeated freezing and thawing.

Stability

When stored as instructed, expires one year from date of receipt unless otherwise indicated on product label.

Storage Buffer

Phosphate buffered saline (PBS), pH 7.4, containing 0.1% sodium azide.

Caution: Sodium azide is an extremely toxic and dangerous compound particularly when combined with acids or metals. Properly dispose of solutions containing sodium azide.

Safety Data Sheets (SDS)

Safety Data Sheets (SDSs) are available at www.lifetechnologies.com/support.








Certificate of Analysis

The Certificate of Analysis provides detailed quality control and product qualification information for each product. Certificates of Analysis are available on our website. Go to www.lifetechnologies.com/support and search for the Certificate of Analysis by product lot number, which is printed on the box.

For research use only. Not for use in diagnostic procedures.

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Explanation of symbols

Symbol	Description	Symbol	Description	Symbol	Description
	Manufacturer		Catalog number		Batch code
	Use by		Temperature limitation		
	Consult instructions for use		Caution, consult accompanying documents		

Limited Use Label License: Research Use Only

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