Synuclein, Alpha Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	Synuclein, alpha, Monoclonal Antibody
Full Product Name	Synuclein, alpha
Clonality	Monoclonal
Isotype	IgG1
Clone Number	3F344
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.4, containing 0.2% BSA and 0.09% sodium azide. Also available without BSA and azide; see S9500-11X.
Purity/Purification	Affinity Purified
Concentration	~0.2mg/ml (lot specific)
Specificity	Recognizes human recombinant alpha-synuclein. Highly specific for alpha-synuclein and does not react with other synuclein subtypes. Does not react with mouse or rat.
Preparation and Storage	May be stored at 4 degree C for short-term only. For long-term storage, aliquot and store at -20 degree C. Aliquots are stable for at least 12 months at -20 degree C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer.
Immunogen	Recombinant protein corresponding to human alpha-synuclein
Cellular Localization	Neuronal cytosol and presynaptic terminals
Positive Control	Brain
Product Categories/Family for anti-Synuclein, alpha antibody	Antibodies-Primary; Antibodies-Synuclein
Applications Tested/Suitable for anti-Synuclein, alpha antibody	Immunohistochemistry (IHC), Immunoprecipitation (IP), Western Blot (WB)
Application Notes for anti-Synuclein, alpha antibody	Immunohistochemistry (formalin/paraffin): 1:200 for 30 min at RT|Note: Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 min.
Related Product Information for anti-Synuclein, alpha antibody	Synnuclein family of proteins is abundantly expressed in neuronal cytosol and presynaptic terminals. In vertebrates they are encoded by three different genes. Synucleins have been specifically implemented in three major diseases: Alzheimer's (AD), Parkinson's (PD) and breast cancer. In AD, a peptide derived from alpha-synuclein forms an intrinsic component of plaque amyloid. In PD, an alpha-synuclein accumulates in Lewy bodies. An allele of alpha-synuclein has been linked to many familial cases of PD. In breast cancer increased expression of gamma synuclein correlates with the disease progression. Synucleins appear to be involved in the membrane plasticity in developing song control system of songbirds.
Other Notes	Small volumes of anti-Synuclein, alpha antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Synuclein, alpha purchase	MBS6508317 is an antibody targeting Synuclein, alpha. Reactive in Human. Host: Mouse.

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Online datasheet: https://www.mybiosource.com/monoclonal-human-antibody/synuclein-alpha/6508317