

## Product Datasheet

### ASyM - Mouse anti-human alpha synuclein N-terminal (clone number 4.2) GRP12969

Species/Host	Mouse
Reactivity	Human
Predicted Reactivity	Mouse
Tested Applications	DOT, ELISA, IHC
Immunogen	synthetic peptide derived from human alpha-synuclein N-terminal Met1-Val15
Form/Appearance	Lyophilized
Storage	For short time storage add sodium azide and store at +4°C. For long time storage store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes.
Note	For research use only.
Isotype	IgG2a
Clonality	Monoclonal
Purity	Affinity purified in PBS pH 7.4, no preservatives
MW	14 kDa
Dilution Range	1-2 ug/ml (Dot), 2-4 ug/ml (ELISA capture), 10 ug/ml (IHC)
Application Notes	Additional Information: This antibody binds weakly to fibrils in IHC. Cross reactivity of this antibody to synuclein beta was not determined. Background: 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. Reconstitution: For reconstitution add 50 µl of sterile water.