

## Product Datasheet

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

<b>Species/Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Predicted Reactivity</b>	Mouse
<b>Tested Applications</b>	DOT, ELISA, IHC
<b>Immunogen</b>	synthetic peptide derived from human alpha-synuclein N-terminal Met1-Val15
<b>Form/Appearance</b>	Lyophilized
<b>Storage</b>	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.
<b>Note</b>	For research use only.
<b>Isotype</b>	IgG2a
<b>Clonality</b>	Monoclonal
<b>Purity</b>	Affinity purified in PBS pH 7.4, no preservatives
<b>MW</b>	14 kDa
<b>Dilution Range</b>	1-2 ug/ml (Dot), 2-4 ug/ml (ELISA capture), 10 ug/ml (IHC)
<b>Application Notes</b>	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.