Agrisera
Part of Thermo Fisher Scientific

This product is **for research use only** (not for diagnostic or therapeutic use) **contact: support@agrisera.com**

Agrisera AB | Box 57 | SE-91121 Vännäs | Sweden | +46 (0)935 33 000 | www.agrisera.com

Product no AS13 2719

Anti-ASyM | Mouse anti-human alpha synuclein N-terminal (clone number 4,2)

Product information

Immunogen	Synthetic peptide derived from human alpha-synuclein N-terminal Met1-Val15
Host	Mouse
Clonality	Monoclonal
Subclass/isotype	IgG2a
Purity	Immunogen affinity purified serum in PBS pH 7.4.
Format	Lyophilized
Quantity	50 µg
Reconstitution	For reconstitution add 50 µl of sterile water
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 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.
Additional information	This antibody will recognize human SNCA monomers and multimers in Western blot. This antibody binds weakly to fibrills in IHC. Cross reactivity of this antibody to synuclein beta was not determined. This antibody can be used as a capture antibody in ELISA, combined with AS08 358 as a detection antibody.

Application information

Recommended dilution	1-2 µg/ml (Dot), 2-4 µg/ml (ELISA capture), 10 µg/ml (IHC)
Expected | apparent MW	14 kDa
Confirmed reactivity	Human
Predicted reactivity	Mouse
Not reactive in	No confirmed exceptions from predicted reactivity are currently known
Selected references	Tanudjojo et al. (2021) Phenotypic manifestation of -synuclein strains derived from Parkinson's disease and multiple system atrophy in human dopaminergic neurons. Nat Commun. 2021 Jun 21;12(1):3817. doi: 10.1038/s41467-021-23682-z. PMID: 34155194; PMCID: PMC8217249.