

Product no **AS13 2719**

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 fibrils 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 ug/ml (Dot), 2-4 ug/ml (ELISA capture), 10 ug/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.