

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** | Affinity purified in PBS pH 7.4, no preservatives

**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 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.

**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 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** | [Tanudjaja et al. \(2021\)](#) Phenotypic manifestation of  $\alpha$ -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.