

bsm-0968M**[Primary Antibody]**

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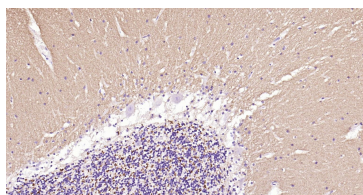
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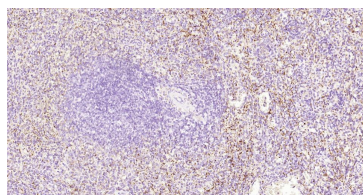
400-901-9800

Alpha-Synuclein Mouse mAb**— DATASHEET —**

Host: Mouse Clonality: Monoclonal GeneID: 6622 Target: Alpha-Synuclein Purification: affinity purified by Protein G Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. Background: Alpha-synuclein is a member of the synuclein family, which also includes beta- and gamma-synuclein. Synucleins are abundantly expressed in the brain and alpha- and beta-synuclein inhibit phospholipase D2 selectively. SNCA may serve to integrate presynaptic signaling and membrane trafficking. Defects in SNCA have been implicated in the pathogenesis of Parkinson disease. SNCA peptides are a major component of amyloid plaques in the brains of patients with Alzheimer's disease. Alternatively spliced transcripts encoding different isoforms have been identified for this gene. [provided by RefSeq, Feb 2016].	Isotype: IgG CloneNo.: 3D5 SWISS: P37840	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human Subcellular Location: Cell membrane ,Cytoplasm ,Nucleus
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— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded Human Cerebellum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Alpha-Synuclein Monoclonal Antibody, Unconjugated(bsm-0968M) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Mouse, sp-0024) and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Spleen; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Alpha-Synuclein Monoclonal Antibody, Unconjugated(bsm-0968M) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Mouse, sp-0024) and DAB (C-0010) staining.

— SELECTED CITATIONS —

- **[IF=8.786]** Qing Guan. et al. Single-cell RNA sequencing of CSF reveals neuroprotective RAC1⁺ NK cells in Parkinson's disease.. FRONT IMMUNOL. 2022 Sep;13:992505-992505 IF ;Mouse. 36211372
- **[IF=3.038]** Wenxiang Fan. et al. S-oxiracetam Facilitates Cognitive Restoration after Ischemic Stroke by Activating α 7nAChR and the PI3K-Mediated Pathway. 2021 Jan 22 IHC ;Rat. 33481205