9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

34-1009: Monoclonal Antibody to Amyloid- Beta (Clone: AB9)

Clonality :	Monoclonal
Clone Name :	AB9
Application :	WB
Reactivity :	Human
Gene :	APP
Gene ID :	351
Uniprot ID :	P05067
Format :	Purified
Alternative Name :	ABPP, APP, APPI, Alzheimer disease amyloid protein, Amyloid precursor protein, Beta-amyloid precursor protein, CVAP, Cerebral vascular amyloid peptide, PreA4, PN-II, Protease nexin-II
Isotype :	Mouse, IgG2a
Immunogen Information :	Protein sequence 1-42, epitope is sequence 1-16

Product Info

Amount :	50 µl / 100 µl
Content :	Antibody is supplied as an aliquot of 1 mg/ml of affinity purified antibody.
Storage condition :	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

WB: 1:1,000-1:2,000 IF/IHC: 1:1,000.

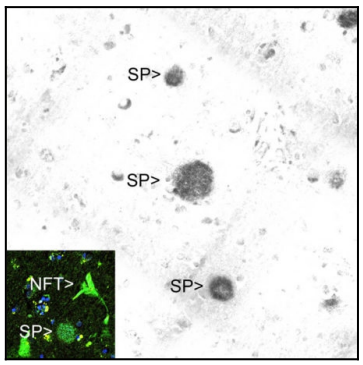

Figure-1: Immunohistochemical analysis of a region of cerebral cortex from an Alzheimerâ€™s disease (AD) patient stained with (34-1009), the signal detected with a secondary anti-mouse antibody coupled to HRP, signal revealed with DAB. Senile plaques are labeled â€œSPâ€. The region of the lowest of the three plaques is shown in the inset stained with the fluorescent dye thioflavin-S. This dye binds to not only the senile plaque but also a neurofibrillary tangle (NFT), the other pathological hallmark of AD, which do not contain AÎ².

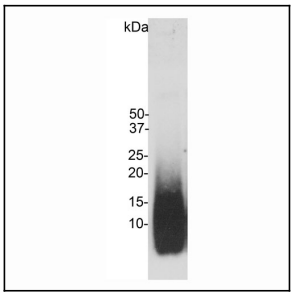

Figure-2: Blot of amyloid-Î² peptide preparation probed with (34-1009). The (34-1009) antibody recognizes monomeric amyloid-Î² peptide running at ~5kDa and also higher molecular weight amyloid-Î² aggregates.