

Product datasheet for **DM410**

Amyloid beta (1-40) Mouse Monoclonal Antibody [Clone ID: BAM-10]

Product data:

Product Type:	Primary Antibodies
Clone Name:	BAM-10
Applications:	IHC
Recommended Dilution:	Immunohistochemistry: dilute 1:50–1:100 in an ABC method (incubation time 30 minutes at room temperature). Suitable for formalin/paraffin tissues and frozen tissues. We suggest an incubation period of 30 minutes at room temperature. Recommended positive control: Brain.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	A synthetic beta-amyloid peptide (1-40) conjugated to KLH
Specificity:	This antibody reacts with beta-amyloid protein. It stains Amyloid plaques within the cortex, and Amyloid deposits in blood vessels. Beta-amyloid deposits are also detected in Lewy body dementia, Down's syndrome, amyloidosis and in Gram-Parkinson dementia complex. Cellular localization: Cytoplasmic.
Formulation:	State: Ascites State: Liquid diluted ascites containing sodium azide as preservative
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2–8°C for one month or (in aliquots) at –20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Background:	The presence of a large number of neuritic plaques (senile) and neurofibrillary tangles in the cerebral cortex is used a pathological marker for a disease state and presents the major criterion for the diagnosis of Alzheimer's disease at autopsy.

