Antibody to **Beta Amyloid**  

**Product Specifications**

**Description:**  
**Beta Amyloid** mouse monoclonal antibody  

**Immunoglobulin class:** IgG1  

**Clone:** 6F/3D  

**Immunogen:** Synthetic peptide representing residues 8-17 of the beta amyloid molecule.  

**Epitope:** See Immunogen.  

**Presentation:** Lyophilized tissue culture supernatant containing 15mM sodium azide. Reconstitute with 1 ml of distilled water.  

**Species cross-reactivity:** Human  

**Storage Conditions:**  
Keep unopened vial at 2 - 8 °C for 1 year. Once opened it is recommended that reconstituted stock solution be aliquoted and quick frozen and stored at -20 °C. Do not repeatedly freeze/thaw.  

**Applications:**  

**Immunohistochemistry**  
Paraffin sections: Immerse sections in 3% W/V methanol/hydrogen peroxide for 10 minutes, incubate sections in 98-100% fomic acid for 3 minutes, then wash in distilled water.  

Frozen sections: No  

**Working Dilution**: 1:50 for 1 hr. at 25 °C  

Positive Control: Human Alzheimer’s diseased brain. Stains sensible plaque cores, periphery and diffuse plaques. Blood vessel wall and neurofibrillary tangles may stain in some cases.  

Western blotting Not recommended.  

* Recommended dilutions using VECTASTAIN® Elite® ABC Kits.  

**Functional Aspects:**  
Beta Amyloid is the major protein component of amyloid cores, neuritic cores and neurofibrillary tangles, such as those seen in Alzheimer’s disease. This antibody will help to identify the presence of beta amyloid.  

**Selected References**  