

# ANTIGENIX AMERICA, INC.

## PRODUCT INFORMATION SUMMARY

### Anti-Beta Amyloid ( Peptide 40)

( C-Terminal)

Purified Antibody (Clone B10) Product Number NS24020 0.5 mg

#### **SPECIFICITY:**

Mouse monoclonal antibody to C-terminal sequence of Human Amyloid Beta peptide 40. Reacts with the C-terminal peptide region (GLMVGGVV) and also full length peptide 40. Little to no reactivity with the 42 and 43 peptides. Peptides 42 and 40 may have a role in predicting Alzheimer's disease. Peptide 43 is more fibrillogenic and may serve as a therapeutic target in Alzheimer's disease.

Detection of protein 40 may be useful in prediction of Alzheimer's disease. A low ratio of peptide 42/peptide 40 in CSF is believed to be associated with increased risk for cognitive impairment.

**SPECIES** X-reactivity: Non-Human Primates; Mouse, Rat

#### **IMMUNOGLOBULIN CHAIN COMPOSITION:**

Mouse IgG1, kappa

**SOURCE:** Affinity Purified using Protein G.

**CLONES:** B10

#### **RESEARCH APPLICATIONS:**

ELISA as tracer with MP100333C as capture antibody to detect peptide 40 in sandwich ELISA

IHC

Studies of Amyloid beta and its role in Alzheimer's disease.

#### **HANDLING AND STORAGE:**

Antibody supplied as lyophilized from PBS, additive free.

Reconstitute with 500.0 uL distilled water.

Store aliquots @ - 20° C. AVOID repeat freeze / thaw.

**RESEARCH USE ONLY**

**NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE.**

[WWW.ANTIGENIX.COM](http://WWW.ANTIGENIX.COM)