**Beta-Amyloid, 17-24 (4G8) Monoclonal Antibody Exclusively Provided by Covance**

Catalog Number: SIG-39200
Available Size: 0.2 mL, 0.5 mL, 1.0 mL

**Description:**
Beta Amyloid (Aβ) Monoclonal Antibody, 4G8
(Formerly Signet Catalog Nos.: 9200-02, 9200-05, 9200-10)

Covance is the Exclusive Provider of this Antibody Product

**Also Known As:**
amyloid beta A4 protein; preA4; protease nexin-II; peptidase nexin-II; beta-amyloid peptide; alzheimer disease amyloid protein; cerebral vascular amyloid peptide

**Intended Use:**
**Research Use Only (RUO)**
This product is sold for laboratory research use only, not for human or in-vivo use.

**Form:**
Ascites

**Clone:**
4G8

**Host:**
Mouse

**IsoType:**
IgG2b

**Species Reactivity:**
Human, Mouse

**Specificity:**
This antibody is reactive to amino acid residues 17-24 of beta amyloid. The epitope lies within amino acids 18-22 of beta Amyloid (VFFAE). Beta amyloid forms are deposited in the CNS of patients with Alzheimer’s disease and Down’s syndrome. Signet’s beta Amyloid antibody 4G8 reacts to the abnormally processed isoforms, as well as precursor forms.

**Uses:**
This antibody is effective in immunoblotting, immunohistochemistry (IHC), immunoprecipitation (IP) immunoaffinity purifications and ELISA.

**Suggested Working Dilution:**
The optimal working dilution should be determined for each specific assay condition.

- **IHC:** 1:100 - 1:1,000
  - Tissue Sections: Formalin-fixed human and animal paraffin-embedded brain sections
  - Pretreatment: Formic acid (70%) for 10-30 minutes at room temperature

- **ELISA:** 1:1,000 - 1:10,000

**Storage:**
Store at -20°C or below. Upon initial thawing, apportion into working aliquots and store at -20°C or below. Avoid repeated freeze-thaw cycles to prevent denaturing the antibody. Do not store in frost-free freezers.

**References:**
See reverse side for additional information

Antibody Products: +1.800.223.0796 • +1.781.915.0990
Email: ab.products@covance.com www.covance.com


**Warranty/Conditions:**
Covance products may not be resold or modified for resale without prior written approval. All sales are subject to Covance Antibody Products Terms and Conditions of Sale.

**Datasheet Revision Date:**
11/6/2011

**Related Products:**
- Beta-Amyloid, 17-24 (4G8) Monoclonal Antibody, Purified (SIGNET) *Exclusively Provided by Covance* Catalog Number SIG-39220