

Monoclonal Antibody to

Amyloid β A4 (1-43), C-Terminus clone 6G12

Order No.: **0095-100/bA4(43)-6G12**

Size (μ g) 100

Lot No.: 0095S

Host: Mouse

Isotype: IgG1

Immunogen: C-terminal peptide conjugated to KLH

Epitope: C-Terminus of Amyloid bA4 (1-43)

Last Modified 09.02.2005

Species Reactivity

| Human | Mouse | Rat | Dog |
|-------|-------|-----|-----|
| yes | ND | ND | ND |

Background & Specificity:

Mab bA4 (43)-6G12 specifically interacts with the C-Terminus of b-Amyloid (1 - 43) and does not crossreact with b-Amyloid (1 - 40) or (1-42), respectively.

Related products:

Mab bA4(40)-5C3 specifically recognizing Amyloid Beta A4 (1-40)
 Mab bA4(42)-8G7 specifically recognizing Amyloid Beta A4 (1-42)
 Mab bA4(40/42)-9F1 recognizing both Amyloid Beta A4 (1-40) and Beta A4 (1-42)
 Mabs bA4N-19H5 and bA4N-19H11 directed against the N-terminus of Amyloid Beta A4.

Purification: The antibody was purified from serum-free cell culture supernatant by subsequent thiophilic adsorption and size exclusion chromatography.

Formulation: lyophilized from 1 ml 2 x PBS / 0.1 % Na-azide / PEG and Sucrose.

Reconstitution: Reconstitute with 1 ml H₂O (15 min, RT).

Stability: Upon reconstitution, aliquote and freeze in liquid nitrogen; reconstituted antibody can be stored frozen at -80°C up to 1 year. Thaw aliquots at 37°C. Thawed aliquots may be stored at 4°C up to 3 months.

Avoid repeated freeze / thaw cycles

Positive Control: none

Immunoblotting: 1 μ g/ml for AP/BCIP/NBT (MTT) detection; 0.5 μ g/ml for HRPO/ECL detection

Immunoprecipitation

Immunocytochemistry use at 0.1-1 μ g/ml

ELISA: use at 0.05 μ g/ml

All products are supplied for research and investigational use only. Not for use in humans.