

Monoclonal Antibody to

Amyloid β A4 (40/42), C-Terminus clone 9F1

Order No.: **0062-100/bA4(40/42)-9F1** Last Modified 09.02.2005

Size (μ g) 100

Lot No.: 0062S

Host: Mouse

Isotype: IgG1

Immunogen: C-terminal peptide conjugated to KLH

Epitope: C-Terminus of Amyloid β A4 (1-40) and β A4 (1-42)

Species Reactivity

Human	Mouse	Rat	Dog
yes	ND	ND	ND

Background & Specificity:

Mab β A4 (40/42) - 9F1 interacts with the C-termini of both β -Amyloid (1 - 40) and (1-42).

Related Products:

Mab bA4(40)-5C3 specifically recognizing the C-Terminus of bA4 81-40) and not crossreacting with bA4(1-42).

Mab bA4(42)-8G7 specifically recognizing the C-terminus of bA4 (1-42) and not crossreacting with bA4 (1-40).

Mab bA4(43)-6G12 specifically recognizing the C-terminus of bA4 (1-43) and not crossreacting with bA4 (1-40) and bA4(42).

Mab bA4N-19H5 directed against the N-Terminus of Amyloid Beta A4; crossreacts with APP.

Mab bA4N-19H11 directed against the N-Terminus of Amyloid Beta A4; shows only minor crossreaction with APP.

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

Immunoprecipitation ND

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.