

## Monoclonal Antibody to

## Amyloid $\beta$ A4 (1-42), C-Terminus clone 8G7

Order No.:	0061-100/bA4(42)-8G7	Last Modified	13.06.2005
Size ( $\mu$ g)	100		
Lot No.:	0061S		
Host:	Mouse		
Isotype:	IgG1		
Immunogen:	C-terminal peptide conjugated to KLH		
Epitope:	C-Terminus of Amyloid $\beta$ A4 (1-42), does not crossreact with Amyloid $\beta$ A4 (1-40)		

**Species Reactivity**

Human	Mouse	Rat	Dog
<input type="text" value="yes"/>	<input type="text" value="ND"/>	<input type="text" value="ND"/>	<input type="text" value="ND"/>

**Background & Specificity:**

Mab  $\beta$ A4 (42) - 8G7 specifically interacts with the C-Terminus of  $\beta$ -Amyloid (1 - 42) and does not crossreact with  $\beta$ -Amyloid (1 - 40).

**Related Products:**

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

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

Mab bA4(40/42)-9F1 recognizing both Amyloid Beta A4 (1-40) and (1-42).

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 H<sub>2</sub>O (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  $\mu$ g/ml for AP/BCIP/NBT (MTT) detection; 0.5  $\mu$ g/ml for HRPO/ECL detection

**Immunoprecipitation**

**Immunocytochemistry** use at 0.1-1  $\mu$ g/ml

**ELISA:** use at 0.05  $\mu$ g/ml

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