

**Anti-Amyloid  $\beta$ -peptide (human)****Mouse monoclonal antibody**Subclass: IgG<sub>2a</sub>/ $\kappa$ 

CAT. NO.

**HYB 310-04**

Clone: 16E9

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SPECIFICITY	The binding of HYB 310-04 to amyloid $\beta$ -peptide depends on the presence of at least amino acid residues 10-16.
IMMUNOGEN	Amyloid $\beta$ -peptide (5-16)
TESTED APPLICATIONS	ELISA
SPECIES REACTIVITY (POSITIVE)	Human
SPECIES REACTIVITY (NEGATIVE)	Not determined
EPITOPE SPECIFICITY	Not determined

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**PRESENTATION**

Content:	Available in 200 $\mu$ L and 1 mL size. 1 mg/mL +/- 15%. See Certificate of Analysis for details.
Preparation:	Protein-A purified
Form:	Liquid
Solvent:	0.01 M phosphate buffer, pH 7.4, containing 0.5 M NaCl and 15 mM sodium azide
Storage:	4-8°C without exposure to light. No precautions necessary during handling.

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**APPLICATION** **ELISA:** HYB 310-04 was tested by ELISA in wells coated with BSA-coupled synthetic peptides from the amyloid  $\beta$ -peptide.

**TARGET** Synthetic amyloid  $\beta$ -peptide (5-16): RHDSGYEVHHQK-NH<sub>2</sub> represents part of the larger amyloid  $\beta$ -peptide that precipitates as amyloid plaques in the brain of patients with Alzheimer's disease. The plaque-related peptides are 40-43 amino acid residues in length.

**REFERENCES****CONDITIONS**

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