Version: 01

Update: 10/25/2021

Beta-amyloid Antibodies

Cat. No.	Name	Clone
V28701	Beta-amyloid (1-42) Antibody (25G13), mAb, Mouse	25G13
V28702	Beta-amyloid (1-42) Antibody (6E8), mAb, Mouse	6E8
V28704	Beta-amyloid (1-40) Antibody (A40), mAb, Mouse	A40

Epitope

Clone	Epitope mapping
25G13	33-42
6E8	1-7
A40	35-40

Specificity

Substance	25G13	6E8	A40
Beta-amyloid (1-42)	+	+	-
Beta-amyloid (1-40)	-	+	+
Amyloid precursor protein	-	-	-

Note:"+" means reaction, "-" means no cross-reactivity

Isotype

IgG2a for mAb 25G13; IgG2b for mAb 6E8

IgG1 for mAb A40

Production

Cultured *in vitro* under conditions free from animal-derived components

Purification

Protein A/G affinity column

Formulation

50 mM Na-citrate, 150 mM NaCl, pH 7.0, containing 0.03% Proclin 300

Storage

For up to three months at 2-8°C or for up to three years at -25°C~-15°C. Avoid repeated freezing and thawing.

Application

Platform	Capture	Detection	Analyte
CLIA	6E8	25G13	Beta-amyloid 1-42
	A40	6E8	Beta-amyloid 1-40

Background

Beta-amyloid (Aβ or Abeta) are peptides of 36–43 amino acids. They are

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derived from the amyloid precursor protein (APP) by beta secretase and gamma secretase in human brain. Beta-amyloid 1-42 and Beta-amyloid 1-40 are related to Alzheimer's disease (AD).

Note GenScript can customize this product per customer's request including product size, buffer components, etc.

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