



Product Information Sheet

Monoclonal Anti-Calbindin-D (Sephacose Bead Conjugate)

Catalogue No. MA1007-S

Immunogen

Bovine kidney calbindin-D

Lot No. 08A12

Purification

Purified by the goat anti-mouse IgG affinity chromatography.

Clone: CB-D7

Ig type: mouse IgG1

Formulation

50% slurry in PBS pH 7.2 with 0.01mg NaN₃a₃ preservative.

Size: 200µl

Storage

Store at 4 °C for frequent use.

Specificity

Human, rat, mouse, bovine.

No cross reactivity with other proteins.

Description:

This Antagene antibody is immobilized via covalent binding of primary amino groups to N-hydroxysuccinimide (NHS)-activated sepharose beads. It is useful for immunoprecipitation assays.

Recommended application

ImmunoPrecipitation (IP)

BACKGROUND

The human calbindin D28k (CALB1) is a calcium-binding protein belonging to the troponin C superfamily. It was originally described as a 27-kD protein induced by vitamin D in the duodenum of the chick. Parmentier et al. (1991) mapped the CALB1 gene to 8q21.3-q22.1 by in situ hybridization.

REFERENCE

Parmentier, M.; Passage, E.; Vassart, G.; Mattei, M.-G. : The human calbindin D28k (CALB1) and calretinin (CALB2) genes are located at 8q21.3-q22.1 and 16q22-q23, respectively, suggesting a common duplication with the carbonic anhydrase isozyme loci. *Cytogenet. Cell Genet.* 57: 41-43, 1991.

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