



Product Information Sheet

Monoclonal Anti-Ornithine Decarboxylase (ODC) (Sephacrose Bead Conjugate)

Catalogue No. MA1073-S

Immunogen

Recombinant mouse ornithine decarboxylase.

Lot No. 08A12

Purification

Clone: ODC-22

Purified by the goat anti-mouse IgG affinity chromatography.

Ig type: mouse IgG2b

Formulation

50% slurry in PBS pH 7.2 with 0.01mg NaN₃ preservative.

Size: 200µl

Storage

Store at 4°C for frequent use.

Specificity

Human.

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

Ornithine decarboxylase (ODC), the first enzyme in polyamine synthesis, is a transcriptional target of MYC and a modifier of APC -dependent tumorigenesis. It is located to 2p25. There is considerable genetic homology between a region of mouse chromosome 12 and the distal short arm of human chromosome 2. Complete amino acid sequence of human ornithine decarboxylase deduced from complementary DNA.

REFERENCE

1. Cox, D. R.; Trouillot, T.; Ashley, P. L.; Brabant, M.; Coffino, P. : A functional mouse ornithine decarboxylase gene (Odc) maps to chromosome 12: further evidence of homoeology between mouse chromosome 12 and the short arm of human chromosome 2. Cytogenet. Cell Genet. 48: 92-94, 1988.
2. Hickok, N. J.; Seppanen, P. J.; Gunsalus, G. L.; Janne, O. A. : Complete amino acid sequence of human ornithine decarboxylase deduced from complementary DNA. DNA 6: 179-187, 1987.

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