



Product Information Sheet

Monoclonal Anti-Ornithine Decarboxylase (ODC)

Catalogue No. MA1073-M

Lot No. 08A12

Clone: ODC-22

Ig type: mouse IgG2b

Size: 200µl

Specificity

Human.

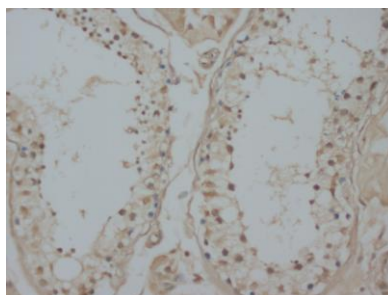
No cross reactivity with other proteins.

Recommended application

Immunoprecipitation(IP)

Storage

Store at 4°C for frequent use.



Immunogen

Recombinant mouse ornithine decarboxylase.

Purification

Purified by the goat anti-mouse IgG affinity chromatography.

Formulation

Each vial contains 1mg/ml Magnetic Bead in PBS, pH 7.2, 0.05mg NaN₃.

Description

This Antagene antibody is immobilized by the covalent reaction of hydrazinonicotinamide-modified antibody with formylbenzamide-modified beads. It is useful for immunoprecipitation.

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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