Product Information Sheet

Monoclonal Anti-Carcinoembryonic Antigen, *CEA* - conjugated to Magnetic Beads

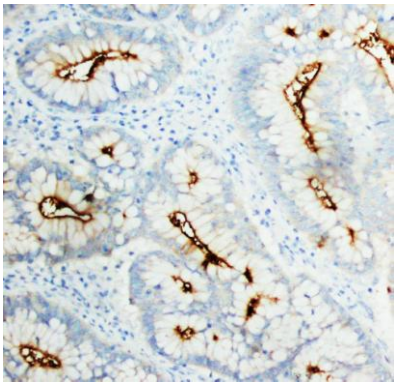
Catalogue No. MA1023-M

Lot No. 08A12

Clone: CEA-9

Ig type: mouse IgG1

Size:200µl



Specificity

Human.

No cross reactivity with other proteins.

Immunogen

Carcinoembryonic antigen(CEA) isolated from a human colon adenocarcinoma cell line.

Purification

Purified by the goat anti-mouse IgG affinity chromatography.

Recommended application

Immunoprecipitation(IP)

Formulation

Each vial contains 1mg/ml Magnetic Bead in PBS, pH 7.2, 0.05mg NaN_3.

Storage

Store at 4˚C for frequent use.

Description

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

BACKGROUND

Carcinoembryonic antigen is a complex immunoreactive glycoprotein with a molecular weight of 180,000 comprising 60% carbohydrate. It is found in adenocarcinomas of endodermally derived digestive system epithelia and in fetal colon.Carcinoembryonic antigen is one of the most widely used tumor markers in serum immunoassay determinations of carcinoma.

REFERENCE

1. *Barnett, T.; Goebel, S. J.; Nothdurft, M. A.; Elting, J. J. : Carcinoembryonic antigen family: characterization of cDNAs coding for NCA and CEA and suggestion of nonrandom sequence variation in their conserved loop-domains. Genomics 3: 59-66, 1988.*

2 *Gold, P.; Freedman, S. O. : Demonstration of tumor-specific antigens in human colonic carcinomata by immunological tolerance and absorption techniques. J. Exp. Med. 121: 439-462, 1965*

Contact: Antagene, Inc. | Tel: 1 (866) 964-2589 | Fax: 1 (888) 225-1868 | Email:Info@antageneinc.com