

For Research Use Only

CEA Monoclonal antibody

Catalog Number: 60053-1-Ig



Basic Information

Catalog Number:

60053-1-Ig

Size:

N/A

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG0672

GenBank Accession Number:

BC034671

GeneID (NCBI):

1048

UNIPROT ID:

P06731

Full Name:

carcinoembryonic antigen-related
cell adhesion molecule 5

Calculated MW:

77 kDa

Purification Method:

Caprylic Acid/Ammonium Sulfate
Precipitation

CloneNo.:

3D1A6

Applications

Tested Applications:

ELISA

Species Specificity:

human

Background Information

Carcinoembryonic antigen (CEA), also known as CEACAM5 or CD66e, is a cell surface glycoprotein belonging to the immunoglobulin superfamily, mainly serving as a cell adhesion molecule mediating intercellular contact by both homophilic and heterophilic binding (PMID: 21731662). CEA inhibits anoikis and plays a role in tumorigenesis and metastasis. CEA has been found to be overexpressed in a wide variety of human cancers, including colon, breast, and lung (PMID: 17167768). CEA is a tumor marker and is routinely exploited for diagnosis.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data