

For Research Use Only

CEA Monoclonal antibody

Catalog Number: 60053-1-Ig



Basic Information

Catalog Number: 60053-1-Ig	GenBank Accession Number: BC034671	Purification Method: Caprylic Acid/Ammonium Sulfate Precipitation
Size: 150ul	GeneID (NCBI): 1048	CloneNo.: 3D1A6
Source: Mouse	UNIPROT ID: P06731	
Isotype: IgG2b	Full Name: carcinoembryonic antigen-related cell adhesion molecule 5	
Immunogen Catalog Number: AG0672	Calculated MW: 77 kDa	

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

*** 20ul sizes contain 0.1% BSA

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