

CEACAM5

Native Human Carcinoembryonic Antigen, High Purity

Catalog No.	CS071A CS071B	Quantity:	100 µg 1.0 mg
Alternate Names:	Carcinoembryonic antigen-related cell adhesion molecule 5, Carcinoembryonic antigen, CEA, CD66e, Meconium antigen 100		
Description:	Carcinoembryonic antigen describes a set of highly related glycoproteins involved in cell adhesion. CEA is normally produced in gastrointestinal tissue during fetal development, but the production stops before birth. Consequently, CEA is usually present at very low levels in the blood of healthy adults. However, the serum levels are raised in some types of cancer, which means that it can be used as a tumor marker in clinical tests. Immunologically they are characterized as members of the CD66 cluster of differentiation.		
UniProt ID:	P06731		
Gene ID:	1048		
Activity:	≥ 1 mg/ml by ELISA		
Source:	Human Liver carcinoma		
Purity:	≥ 95 % by SDS-PAGE		
Molecular Weight:	~180kDa		
Formulation:	Lyophilized from 50 mM Ammonium Bicarbonate.		
Reconstitution:	Reconstitute using neutral pH buffer of choice. Avoid extreme pH.		
Storage & Stability:	2-8°C for short term storage. Store as supplied for up to 1 year at -20°C to -80°C. Upon reconstitution, prepare working aliquots and store at -20°C to -80°C. Avoid repeated freeze/thaw cycles.		
Certification:	Serum from donors has been tested and found to be negative for HIV-1/HIV-2, Hepatitis B Core Antigen, Hepatitis B Surface Antigen, Hepatitis C Virus and Syphilis by current FDA approved methods. However, because no test method can offer complete assurance that HIV, HBsAg, HCV, Syphilis or other infectious agents are absent, this material should be handled at the Bio-safety Level 2 (BSL 2) as recommended for any potentially infectious human serum or blood specimen in the CDC/NIH manual "Biosafety in Microbiological and Biomedical Laboratories", 1999.		

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