

AM00635PU-N**Monoclonal Antibody to CD66e / CEACAM5 - Purified**

Alternate names:	CEA, Carcinoembryonic antigen, Carcinoembryonic antigen-related cell adhesion molecule 5, Meconium antigen 100
Quantity:	1 mg
Concentration:	5.2mg/ml (OD280nm, E0.1% = 1.4)
Background:	Carcino Embryonic Antigen (CEA) is synthesised during development in the fetal gut, and is re-expressed in increased amounts in intestinal carcinomas and several other tumors. Antibodies to CEA are useful in identifying the origin of various metastatic adenocarcinomas and in distinguishing pulmonary adenocarcinomas (60 to 70% are CEA+) from pleural mesotheliomas (rarely or weakly CEA+).
Uniprot ID:	P06731
NCBI:	NP_004354.2
GeneID:	1048
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	SM10P (for use in human samples), AM03095PU-N
Clone:	057-10009
Immunogen:	CEA purified from human tumor
Format:	State: Liquid purified (0.2µm filtered) Purification: >90% pure. Protein A chromatography. Buffer System: 10mM Phosphate, pH 7.4 containing 150mM Sodium chloride and 0.09% Sodium azide
Applications:	ELISA. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts to Human Carcinoembryonic Antigen. Species: Human. Other species not tested. Affinity Constant: 1 x 10 ⁹ L/m
Storage:	Store the antibody undiluted at 2-8°C for one week or (in aliquots) at -40°C for longer. If aliquoted for long term storage, fill volume should be equal to or greater than 50% of the nominal fill volume of the vial used. Avoid repeated freezing and thawing. Shelf life: one year from despatch.