

Product datasheet for **AM00635PU-N**

CEACAM5 Mouse Monoclonal Antibody [Clone ID: 057-10009]

Product data:

Product Type:	Primary Antibodies
Clone Name:	057-10009
Applications:	ELISA
Recommended Dilution:	ELISA.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	CEA purified from human tumor
Specificity:	This antibody reacts to Huan Carcinoembryonic Antigen.
Formulation:	10mM Phosphate, pH 7.4 containing 150mM Sodium chloride and 0.09% Sodium azide State: Purified State: Liquid purified (0.2µm filtered)
Concentration:	lot specific
Purification:	>90% pure. Protein A chromatography.
Conjugation:	Unconjugated
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.
Stability:	Shelf life: one year from despatch.
Gene Name:	carcinoembryonic antigen related cell adhesion molecule 5
Database Link:	Entrez Gene 1048 Human P06731



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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+).

Synonyms: CEA, Carcinoembryonic antigen