



Cancer Antigen CEA Antigen (Human Metastatic Liver)(VAng-Wyb8645)

PRODUCT INFORMATION

Product Overview

Carcinoembryonic Antigen, Antigen Grade, Cancer antigen from Human Metastatic Liver, 5.5 mg/mL.

SPECIFICATIONS

Source	Human Metastatic Liver.
Target	CEA
Type	Tumor Antigens
Applications	Immunogen for antisera production, tracer for iodination and standard for Immunoassay.
Formulation	0.1 M Phosphate Buffered Saline, pH 7.4 containing 2.0% Methyl-Mannoside.
Purity	Purified
Storage	Store at -20°C.

ANTIGEN INFORMATION

Introduction

CEA is a member of the carcinoembryonic antigen family. It plays a role in cell adhesion, intracellular signaling and tumor progression. It mediates homophilic and heterophilic cell adhesion with other carcinoembryonic antigen-related cell adhesion molecules. The protein is used as a clinical biomarker for gastrointestinal cancers and may promote tumor development through its role as a cell adhesion molecule. Additionally, the encoded protein may regulate differentiation, apoptosis, and cell polarity. Its gene is present in a CEA family on chromosome 19. Alternative splicing results in multiple transcript variants.

Alternative Names	CEACAM5
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