

产品概述

产品名 (Product Name)	Anti CEA mouse monoclonal antibody
货号 (Catalog No.)	ATMA10113Mo
种类 (Category)	Primary antibody
宿主 (Host)	Mouse
反应种属 (Species specificity)	Homo sapiens (Human)
克隆性 (Clonality)	Monoclonal
克隆编号 (Clone No.)	53A9
偶连物 (Conjugation)	Unconjugated
免疫原 (Immunogen)	Recombinant protein of full length human CEA
别名	CEACAM5, Carcinoembryonic antigen, Meconium antigen 100, CD66e
Uniprot ID	P06731

产品性能

状态 (Form)	Liquid
储存溶液 (Buffer)	Supplied as solution form in PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
存放条件 (Storage)	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 4 °C for frequent use. Store at -20 to -80 °C for twelve months from the date of receipt.
浓度 (Concentration)	0.5mg/ml
亚型 (Isotype)	IgG1
分子量 (MW)	77kDa
纯化方式 (Purity)	Protein G purified from mice ascites

应用

WB: 1:2000-1:8000, optimal working dilutions must be determined by end user.

产品背景

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

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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.

