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Datasheet for ABIN6939064 anti-CEACAM5 antibody

3 Images



Overview

Quantity:	100 µg
Target:	CEACAM5
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CEACAM5 antibody is un-conjugated
Application:	Immunohistochemistry (Formalin-fixed Sections) (IHC (f)), ELISA, Coating (Coat)

Product Details

Immunogen:	Recombinant full-length human CEA protein
Clone:	C66-1291
lsotype:	lgG1
Specificity:	This antibody recognizes proteins of 80-200 kDa, identified as different members of CEA family.
	CEA is synthesized during development in the fetal gut and is re-expressed in increased
	amounts in intestinal carcinomas and several other tumors. This MAb does not react with
	nonspecific cross-reacting antigen (NCA) and with human polymorphonuclear leucocytes. It
	shows no reaction with a variety of normal tissues and is suitable for staining of
	formalin/paraffin tissues. CEA is not found in benign glands, stroma, or malignant prostatic
	cells. Antibody to CEA is useful in detecting early foci of gastric carcinoma and in distinguishing
	pulmonary adenocarcinomas (60-70 % are CEA+) from pleural mesotheliomas (rarely or weakly
	CEA+). Anti-CEA positivity is seen in adenocarcinomas from the lung, colon, stomach,
	esophagus, pancreas, gallbadder, urachus, salivary gland, ovary, and endocervix.

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Product Details

Cross-Reactivity (Details):	Human,
Purification:	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G.

Target Details

Target:	CEACAM5
Alternative Name:	CEACAM5 (CEACAM5 Products)
Background:	Carcinoembryonic Antigen-related Cell Adhesion Molecule 5, CEACAM5, CD66, Biliary Glycoprotein (BGP-1),Carcinoembryonic Antigen (CEA) / CD66
	Cellular localisation: Cytoplasmic and luminal surface
Molecular Weight:	80-200kDa
Gene ID:	1048, 709196
UniProt:	P06731
Application Details	

Application Details

Restrictions:	For Research Use only
	determined.
	followed by cooling at RT for 20 minutes),Optimal dilution for a specific application should be
	heating tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 45 min at 95 °C
	(Formalin-fixed) (1-2 µg/mL for 30 minutes at RT),(Staining of formalin-fixed tissues requires
	Known Application: ELISA (For coating, order antibody without BSA),Immunohistochemistry
Application Notes:	Positive Control: MCF7 or 293T cells. Human colon carcinoma.

Handling

Concentration:	200 µg/mL
Buffer:	Prepared in 10 mM PBS with 0.05 % BSA and 0.05 % azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-80 °C
Storage Comment:	Antibody with azide - store at 2 to 8 °C. Antibody is stable for 24 months. Non-hazardous. Also

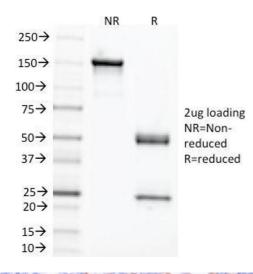
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available WITHOUT BSA & azide at 1.0mg/ml.

Expiry Date:

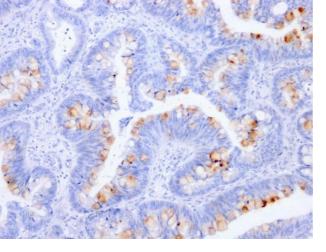
24 months

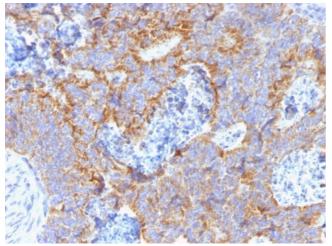
Images



SDS-PAGE

Image 1. SDS-PAGE Analysis Purified CEA Mouse Monoclonal Antibody (C66/1291). Confirmation of Purity and Integrity of Antibody.





Immunohistochemistry

Image 2. Formalin-fixed, paraffin-embedded human Colon stained with CEA Mouse Monoclonal Antibody (C66/1291).

Immunohistochemistry

Image 3. Formalin-fixed, paraffin-embedded human Colon stained with CEA Mouse Monoclonal Antibody (C66/1291).

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