Datasheet for ABIN6151894

anti-CEACAM5 antibody

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Overview

Quantity:	50 µL
Target:	CEACAM5
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CEACAM5 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunofluorescence (IF), Immunohistochemistry (Formalin-fixed Sections) (IHC (f))

Product Details

Purpose:	Mouse Monoclonal anti-CD66 / CEA (C66/1009), Purified, BSA-free
Immunogen:	Recombinant full-length human CEA protein
Clone:	C66-1009
Isotype:	IgG2a kappa
Characteristics:	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

Product Details

	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. Primary antibodies are available purified, or with a selection of fluorescent CF® dyes and other labels. CF® dyes offer exceptional brightness and photostability. Note: Conjugates of blue fluorescent dyes like CF®405S and CF®405M are not recommended for detecting low abundance targets, because blue dyes have lower fluorescence and can give higher non-specific background than other dye colors.
Purification:	Purified

Target Details

Target:	CEACAM5
Alternative Name:	CD66 (CEA) (CEACAM5 Products)
Background:	Carcinoembryonic Antigen-related Cell Adhesion Molecule 5, CEACAM5, CD66, Biliary Glycoprotein (BGP-1)
Molecular Weight:	80-200 kDa
Gene ID:	1048, 634, 709196
UniProt:	P06731

Application Details

Application Notes:	Immunohistology formalin-fixed 0.5-1 µg/mL • Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 10-20 min followed by cooling at RT for 20 minutes • Flow Cytometry 0.5-1 µg/million cells/0.1 mL • Immunofluorescence 1-2 µg/mL • Optimal dilution for a specific application should be determined by user
Comment:	MCF7 or 293T cells. Colon carcinoma
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL

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Handling

Buffer:	PBS (no BSA, no azide)
Preservative:	Azide free

Images

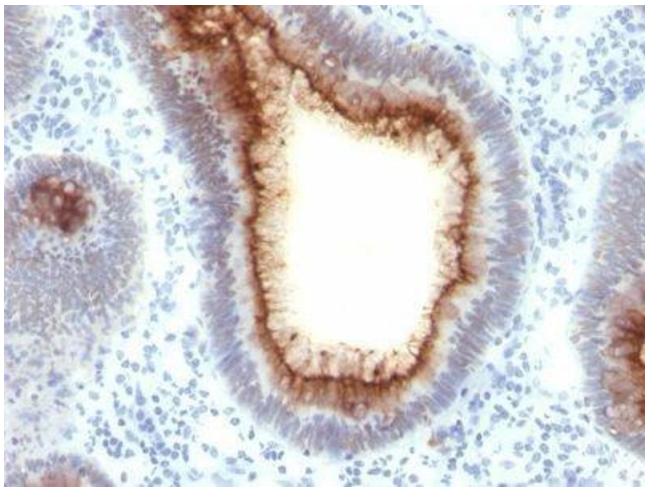

Image 1.

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