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Datasheet for ABIN192374 anti-CEACAM5 antibody

4 Images



Overview

Quantity:	0.1 mg
Target:	CEACAM5
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CEACAM5 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunoprecipitation (IP), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

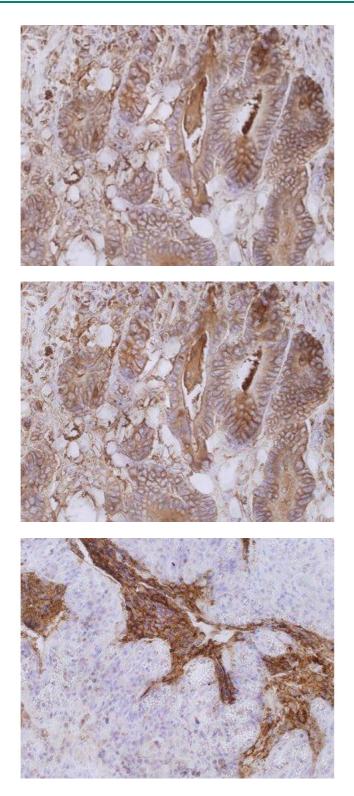
Immunogen:	Human carcinoembryonic antigen (CEA, CEACAM5)
Clone:	CB30
lsotype:	lgG1
Specificity:	The mouse monoclonal antibody CB30 recognizes CD66e (CEA, 180-200 kDa), an extracellular cell surface-bound carcinoembryonic antigen mainly expressed on epithelial cells.
Cross-Reactivity (Details):	Human
Purification:	Purified by protein-A affinity chromatography.
Purity:	> 95 % (by SDS-PAGE)

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Target Details

Target:	CEACAM5
Alternative Name:	CD66e (CEACAM5 Products)
Background:	Carcinoembryonic antigen related cell adhesion mol,The CD66e (CEA, 180-200 kDa) is a
	member of carcinoembryonic antigens, immunoglobulin supergene family and consists of a
	single N domain (structural homology to the immunoglobulin variable) and six immunoglobulin
	constant-like A (A1, A2, A3) and B domains (B1, B2, B3). Human CD66e is heavily glycosylated
	GPI anchored protein capable of both homophilic and heterophilic adhesion. Disease relevance:
	The CD66e may play a role in the process of metastasis of cancer cells. CD66e is found in
	serum and it is clinically used as a tumor marker for early detection of disease due to its
	expression in adenocarcinomas - potential target of tumor imaging and drug
	targeting.,CEACAM5, CEA
Gene ID:	1048
UniProt:	P06731
Application Details	
Application Notes:	Immunohistochemistry (paraffin sections): Staining technique: standard ABC technique (DAB+),
	recommended dilution: 10 μ g/mL (1:100), positive tissue: adenocarcinoma of colon,
	pretreatment: 0,1 % pepsin in 0,1 M HCl for 30 min at room temperature.
Restrictions:	For Research Use only
Handling	
Concentration:	1 mg/mL
Buffer:	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium 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.
Handling Advice:	Do not freeze.
Storage:	4 °C
Storage Comment:	Store at 2-8°C. Do not freeze.

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Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry staining of colorectal carcinoma (paraffin-embedded sections) with anti-human CD66e (CB30). Primary antibody dilution: 10 µg/mL.

Immunohistochemistry

Image 2. Fig. A Immunohistochemistry of paraffinembedded sections (colorectal carcinoma) Fig. B Immunohistochemistry of paraffin-embedded sections (colorectal carcinoma) Fig. A, B: Immunohistochemistry staining of colorectal carcinoma (paraffin-embedded sections) with anti-human CD66e (CB30). Primary antibody dilution: 10 µg/ml.

Immunohistochemistry

Image 3. Fig. A Immunohistochemistry of paraffinembedded sections (colorectal carcinoma) Fig. B Immunohistochemistry of paraffin-embedded sections (colorectal carcinoma) Fig. A, B: Immunohistochemistry staining of colorectal carcinoma (paraffin-embedded sections) with anti-human CD66e (CB30). Primary antibody dilution: 10 µg/ml.

Please check the product details page for more images. Overall 4 images are available for ABIN192374.

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