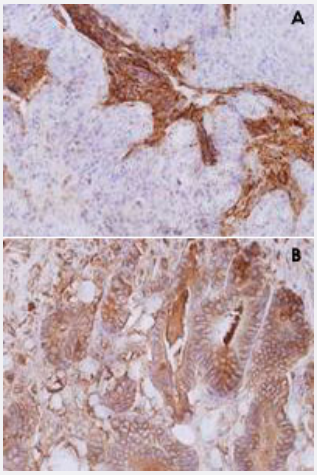
CEACAM5 monoclonal antibody, clone CB30

Catalog # MAB3848 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry staining of human colorectal carcinoma (paraffin-embedded sections) with CEACAM5 monoclonal antibody, clone CB30 (Cat # MAB3848). Primary antibody dilution : 10 ug/mL .

Specification

Product Description	Mouse monoclonal antibody raised against CEACAM5.
Immunogen	Human CEACAM5.
Host	Mouse
Theoretical MW (kDa)	180-200
Reactivity	Human
Specificity	This antibody recognizes CD66e (CEA; 180-200 KDa), a cell surface bound carcinoembryonic antigen mainly expressed on epithelial cells.
Form	Liquid
Isotype	IgG1

Recommend Usage	Flow Cytometry Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (10 ug/mL) Immunoprecipitation The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (0.09% sodium azide)
Storage Instruction	Store at 4°C. Do not freeze. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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- Immunoprecipitation

- Flow Cytometry

Gene Info — CEACAM5

Entrez GeneID	1048
Gene Name	CEACAM5
Gene Alias	CD66e, CEA, DKFZp781M2392
Gene Description	carcinoembryonic antigen-related cell adhesion molecule 5
Omim ID	114890
Gene Ontology	Hyperlink
Other Designations	-

Publication Reference

- In vitro and in vivo footprint analysis of the promoter of carcinoembryonic antigen in colon carcinoma cells: effects of interferon gamma treatment.

  Chen CJ, Li LJ, Maruya A, Shively JE.

  Cancer Research 1995 Sep; 55(17):3873.

- Carcinoembryonic antigen gene family: molecular biology and clinical perspectives.

  Thompson JA, Grunert F, Zimmermann W.

  Journal of Clinical Laboratory Analysis 1991 Jan; 5(5):344.

  Application : ELISA, Human, Human serum

- Primary structure of human carcinoembryonic antigen (CEA) deduced from cDNA sequence.

  Oikawa S, Nakazato H, Kosaki G.

  Biochemical and Biophysical Research Communications 1987 Jan; 42(2):511.