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anti-CEACAM5 antibody

4 Images



Publication



Go to Product page

Overview

Quantity:	100 μg
Target:	CEACAM5
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CEACAM5 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Cell-ELISA (cELISA)

Product Details

Immunogen:	immunisation with extracted protein of CEACAM5
Clone:	26-3-13
Isotype:	lgG1
Specificity:	Anti-human CEACAM5 (CEA, CD66e)
Purification:	Protein G

Target Details

Target:	CEACAM5
Alternative Name:	CEACAM5 (CEACAM5 Products)
Background:	CEACAM5 or CEA is the name-giving member of the CEACAM family. CEACAM5 is used as a

Target Details

tumor marker for early detection of recurrent disease and is a potential target of tumor imaging,
drugs and immunotargeting. 26/3/13 can be used to distinguish CEACAM5 from all other
CEACAM and probably all pregnancy-specific glycoproteins molecules.

UniProt:

P06731

Application Details

Application Notes: Flow cytometry: 1.2 µg/10⁶ cells

ELISA: 1:200 - 1:400

CELISA: 1:200 Western Blot: 4 µg/mL

Immunohistology: 1-2 μg/10⁶ cells (on cryosections)

For each application a titration should be performed to determine the optimal concentration.

Comment: Synonyms: CD66e, CEA

Restrictions: For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	PBS, pH 7.2
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C
Storage Comment:	short term: 2 °C - 8 °C, long term: -20 °C

Publications

Product cited in:

Dolezalová, Vojt?sek, Kovarík: "Epitope analysis of the human p53 tumour suppressor protein." in: **Folia biologica**, Vol. 43, Issue 1, pp. 49-51, (1997) (PubMed).

Bártková, Bártek, Lukás, Vojt?sek, Stasková, Rejthar, Kovarík, Midgley, Lane: "p53 protein alterations in human testicular cancer including pre-invasive intratubular germ-cell neoplasia." in: **International journal of cancer. Journal international du cancer**, Vol. 49, Issue 2, pp. 196-202, (1991) (PubMed).

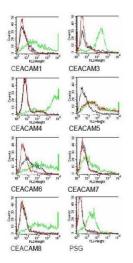
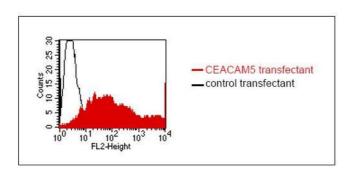
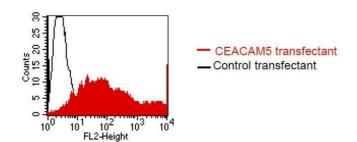


Image 1. Specificity testing of 26/3/13. Members of the CEA family were expressed on BOSC cells after transient transfection with expression vectors containing either the cDNA of CEACAM1, 5, 6, 7 or 8. Recognition of CEACAM3, 4 and of a recombinant transmembrane-



Flow Cytometry

Image 2. FACS analysis of BOSC23 cells using 26/3/13. BOSC23 cells were transiently transfected with an expression vector encoding either CEACAM5 (red curve) or an irrelevant protein (control transfectant). Binding of 26/3/13 was detected witha PE conjugated sec



Flow Cytometry

Image 3. FACS analysis of BOSC23 cells using 26/3/13. BOSC23 cells were transiently transfected with an expression vector encoding either CEACAM5 (red curve) or an irrelevant protein (control transfectant). Binding of 26/3/13 was detected with a PE-conjugated secondary antibody. A positive signal was obtained only with CEACAM5 transfected cells.

Please check the product details page for more images. Overall 4 images are available for ABIN108727.