

Datasheet for ABIN179728
anti-CEACAM8 antibody[Go to Product page](#)

4 Images

Overview

Quantity:	100 µg
Target:	CEACAM8
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CEACAM8 antibody is un-conjugated
Application:	Flow Cytometry (FACS), ELISA, Cell-ELISA (cELISA)

Product Details

Immunogen:	genetic immunisation with cDNA encoding human CEACAM8
Clone:	GM2H6
Isotype:	IgG1
Purification:	Protein G

Target Details

Target:	CEACAM8
Alternative Name:	CEACAM8 (CEACAM8 Products)
Background:	<p>CEACAM8 belongs to the carcinoembryonic antigen (CEA) gene family. CEACAM8 is expressed in neutrophils and eosinophils and is characterized as a granulocyte-specific activation antigen.</p> <p>GM-2H6 was generated by genetic immunization and can be used to distinguish CEACAM8 from all other CEACAMs.</p>

Target Details

UniProt: [P31997](#)

Application Details

Application Notes: Flow cytometry: 1.2 µg/10⁶ cells
CELISA: 1:200 - 1:400
For each application a titration should be performed to determine the optimal concentration.

Comment: Synonyms: CD66b, NCA-95

Restrictions: For Research Use only

Handling

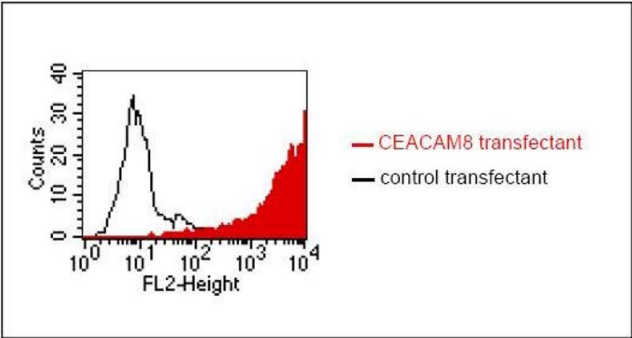
Buffer: PBS, pH 7.2

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C

Storage Comment: short term: 2 °C - 8 °C, long term: -20 °C

Images



Flow Cytometry

Image 1. FACS analysis of BOSC23 cells using GM2H6. BOSC23 cells were transiently transfected with an expression vector encoding either CEACAM8 (red curve) or an irrelevant protein (control transfectant). Binding of GM-0512 was detected with a PE conjugated secondary antibody. A positive signal was obtained only with CEACAM8 transfected cells.

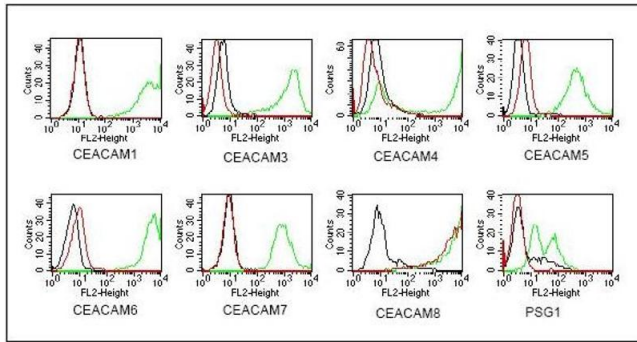
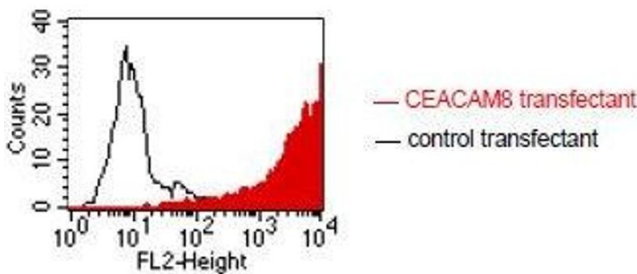


Image 2. BOSC23 cells were transiently transfected with expression vectors containing either the cDNA of CEACAM1, CEACAM3-8 or PSG. The latter expressed as a membrane bound fusion protein. Expression of the constructs was tested with monoclonal antibodies known to recognize the corresponding proteins (CEACAM1,3,4,5 and 6: D14HD11



Flow Cytometry

Image 3. FACS analysis of BOSC23 cells using GM2H6. BOSC23 cells were transiently transfected with an expression vector encoding either CEACAM8 (red curve) or an irrelevant protein (control transfectant). Binding of was detected with a PE-conjugated secondary antibody. A positive signal was obtained only with CEACAM8 transfected cells.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN179728.