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Datasheet for ABIN179727
anti-CEACAM19 antibody

6 Images

Overview

Quantity:	100 µg
Target:	CEACAM19
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CEACAM19 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Cell-ELISA (cELISA)

Product Details

Immunogen:	genetic immunisation with cDNA encoding human CEACAM19
Clone:	HY-8H10
Isotype:	IgG1
Purification:	Protein G

Target Details

Target:	CEACAM19
Alternative Name:	CEACAM19 (CEACAM19 Products)
Background:	CEA-related cell adhesion molecule 19 (CEACAM19) belongs to the carcinoembryonic antigen (CEA) gene family. It encodes a putative glycoprotein which is membrane-bound via a transmembrane domain. Like all members of the CEACAM family, the CEACAM19 protein is a single-pass type I membrane protein and consists of a single extracellular N domain.

Target Details

CEACAM19 expression is ubiquitous with highest expression in prostate, uterus, fetal brain, mammary gland, adrenal gland, skeletal muscle, small intestine, and kidney.

UniProt: [Q7Z692](#)

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.

Restrictions: For Research Use only

Handling

Concentration: 2 mg/mL

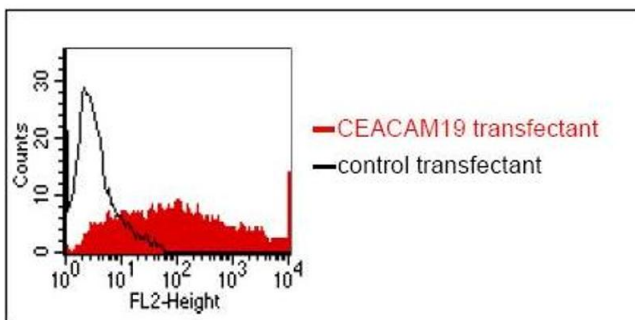
Buffer: PBS, pH 7.2

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C

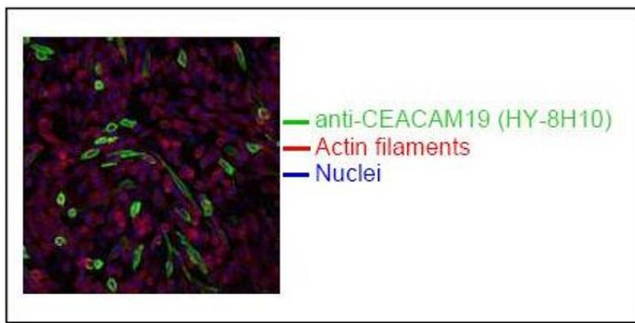
Storage Comment: short term: 2 °C - 8 °C, long term: -20 °C

Images



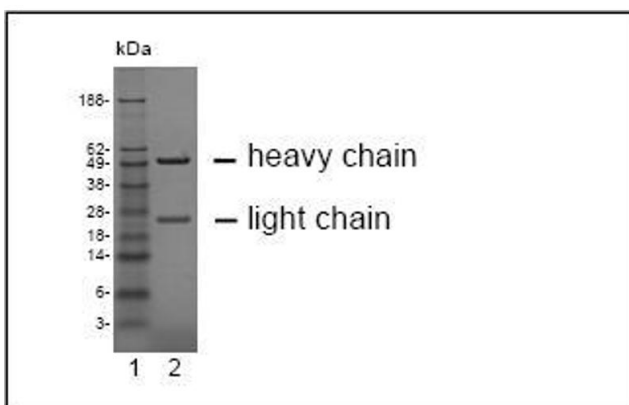
Flow Cytometry

Image 1. FACS analysis of BOSC23 cells using HY-8H10. BOSC23 cells were transiently transfected with an expression vector encoding either CEACAM19 (red curve) or an irrelevant protein (control transfectant). Binding of HY-8H10 was detected with a PE conjugated secondary antibody. A positive signal was obtained only with CEACAM19 transfected cells.



Immunofluorescence

Image 2. Spectral Confocal Microscopy of CHO cells using HY-8H10. CHO cells were transiently transfected with an expression vector encoding CEACAM19. Binding of HY-8H10 was visualized with a FITC-conjugated secondary antibody (green). Actin filaments are labeled with



Western Blotting

Image 3. SDS-PAGE analysis of purified HY-8H10 monoclonal antibody. Lane 1: molecular weight marker, Lane 2: 2 ug of purified HY-8H10 antibody. Proteins were separated by SDS-PAGE and stained with RAPID Stain Reagent.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN179727.