

## Product datasheet

### Anti-CEACAM19 antibody [HY-8H10] $\alpha$ b59717

[1 References](#)   [1 Image](#)

#### Overview

<b>Product name</b>	Anti-CEACAM19 antibody [HY-8H10]
<b>Description</b>	Mouse monoclonal [HY-8H10] to CEACAM19
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> Flow Cyt
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Genetic immunisation with cDNA encoding human CEACAM19.
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.20 Constituent: PBS
<b>Purity</b>	Protein G purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	HY-8H10
<b>Isotype</b>	IgG1

#### Applications

**The Abpromise guarantee**      Our **Abpromise guarantee** covers the use of ab59717 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		

#### Application notes

cELISA: 1/200 - 1/400.

Flow Cyt: Use 1.2µg for 10<sup>6</sup> cells.

SDS-PAGE: Use 2µg.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

#### Target

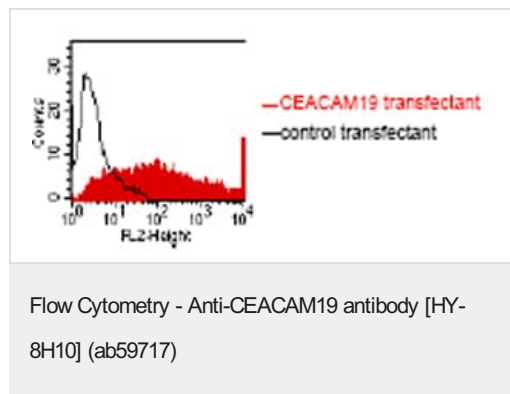
#### Relevance

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

#### Cellular localization

Cell Membrane; Single-pass type I membrane protein .

#### Images



BOSC23 cells were transiently trans-fected with an expression vector encoding either CEACAM19 (red curve) or an irrelevant protein (control transfectant). Binding of ab59717 was detected with a PE conjugated secondary antibody. A positive signal was obtained only with CEACAM19 transfected cells.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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