

Product datasheet

PE Anti-CEACAM5 antibody [CB30] ab42796

2 References

Overview

Product name	PE Anti-CEACAM5 antibody [CB30]
Description	PE Mouse monoclonal [CB30] to CEACAM5
Host species	Mouse
Conjugation	PE. Ex: 488nm, Em: 575nm
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Human
Immunogen	Full length native protein (purified) corresponding to Human CEACAM5.
General notes	<p>ab42796 is a heavily glycosylated GPI anchored protein capable of heterophilic and homophilic adhesion and may play a role in metastasis of cancer cells. It is found in adenocarcinomas of endodermally derived digestive system epithelium and fetal colon.</p> <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&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	Preservative: 0.1% Sodium azide Constituents: PBS, 0.5% BSA
Purification notes	ab42796 is a purified fraction from size exclusion chromatography.
Primary antibody notes	ab42796 is a heavily glycosylated GPI anchored protein capable of heterophilic and homophilic adhesion and may play a role in metastasis of cancer cells. It is found in adenocarcinomas of endodermally derived digestive system epithelium and fetal colon.
Clonality	Monoclonal

Clone number	CB30
Isotype	IgG1

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab42796 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		Use at an assay dependent concentration. 10 ul is sufficient to label 0.1 - 1x10 ⁶ leucocytes in 100 ul. ab91357 - Mouse monoclonal IgG1 is suitable for use as an isotype control with this antibody.

Target

Function	Cell surface glycoprotein that plays a role in cell adhesion and in intracellular signaling. Receptor for E.coli Dr adhesins.
Tissue specificity	Found in adenocarcinomas of endodermally derived digestive system epithelium and fetal colon.
Sequence similarities	Belongs to the immunoglobulin superfamily. CEA family. Contains 7 Ig-like (immunoglobulin-like) domains.
Post-translational modifications	Complex immunoreactive glycoprotein with a MW of 180 kDa comprising 60% carbohydrate.
Cellular localization	Cell membrane.

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