

Product datasheet

Anti-CEACAM1 antibody [GM8G5] ab26279

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Overview

Product name	Anti-CEACAM1 antibody [GM8G5]
Description	Mouse monoclonal [GM8G5] to CEACAM1
Host species	Mouse
Specificity	ab26279 recognises CEACAM1 transiently expressed on the cell surface of transfected BOSC cells as well as the naturally expressed protein. As the A2 domain is unique to CEACAM1, ab26279 can be used to distinguish CEACAM1 from all other CEACAM.
Tested applications	Suitable for: IHC-Fr
Species reactivity	Reacts with: Human
Immunogen	Human CEACAM1-A2 domain cDNA (see relevance text).
General notes	<p>ab26279 was generated by genetic immunisation of BALB/c mice with an immunisation vector containing the cDNA of the human CEACAM1-A2 domain.</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	pH: 7.20 Preservative: 0.01% Sodium azide Constituent: PBS
Purity	Protein G purified
Primary antibody notes	ab26279 was generated by genetic immunisation of BALB/c mice with an immunisation vector containing the cDNA of the human CEACAM1-A2 domain.

Clonality	Monoclonal
Clone number	GM8G5
Isotype	IgG1

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab26279 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
IHC-Fr		Use at an assay dependent concentration.

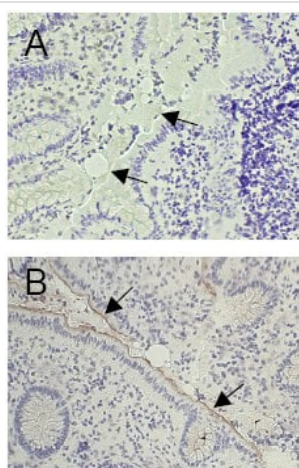
Target

Sequence similarities Belongs to the immunoglobulin superfamily. CEA family. Contains 3 Ig-like C2-type (immunoglobulin-like) domains. Contains 1 Ig-like V-type (immunoglobulin-like) domain.

Cellular localization Secreted; Cell membrane and Cell membrane. Localizes to sites of cell-cell contact.

Form There are 11 isoforms produced by alternative splicing. Isoform 1 = BGP_a; CEACAM1-4L; TM1-CEA; Isoform 2 = BGP_g; CEACAM1-4C1; Isoform 3 = BGP_h; CEACAM1-3; Isoform 4 = BGP_i; CEACAM1-3C2; Isoform 5 = BGP_y; CEACAM1-3AL; Isoform 6 = BGP_b; CEACAM1-3L; TM2-CEA; Isoform 7 = BGP_x; CEACAM1-1L; Isoform 8 = BGP_c; CEACAM1-4S; TM3-CEA; Isoform 9 = BGP_z; CEACAM1-3AS and Isoform 11 = BGP_d; CEACAM1-3S.

Images



Immunohistological staining of colon tissue with ab26279. Cryosections of colon tissue were stained with 10 ug/ml ab26279 diluted in PBS containing 2.5% horse serum (B). PBS 2.5% horse serum served as negative control (A). Arrows indicate representative sections of analysed tissues. Detection of ab26279 occurred with a biotinylated anti-mouse-IgG secondary antibody and a streptavidin-peroxidase conjugate. Diaminobenzidine was used as substrate. Nuclei were stained with hematoxylin.

Immunohistochemistry (Frozen sections) - Anti-CEACAM1 antibody [GM8G5] (ab26279)

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