



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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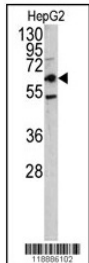
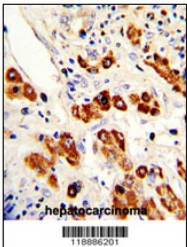
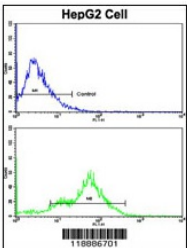
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Product Number	OAAB04370
Product Page	<a href="http://www.avivasysbio.com/ceacam1-antibody-n-terminal-region-oaab04370.html">www.avivasysbio.com/ceacam1-antibody-n-terminal-region-oaab04370.html</a>
Name	CEACAM1 Antibody - N-terminal region (OAAB04370)
Molecular Weight	58 kDa
Isotype	Rabbit Ig
NCBI Gene Id	634
Host	Rabbit
Clonality	Polyclonal
Concentration	0.45 mg/ml
Alias Symbols	BGP, BGP1, BGPI
Product Format	<b>Liquid.</b> PBS with 0.09% (W/V) sodium azide.
Description of Target	CEACAM is a member of the carcinoembryonic antigen (CEA) family, which belongs to the immunoglobulin superfamily. The protein was originally described in bile ducts of liver as biliary glycoprotein. Subsequently, it was found to be a cell-cell adhesion molecule detected on leukocytes, epithelia, and endothelia. The protein mediates cell adhesion via homophilic as well as heterophilic binding to other proteins of the subgroup. Multiple cellular activities have been attributed to the protein, including roles in the differentiation and arrangement of tissue three-dimensional structure, angiogenesis, apoptosis, tumor suppression, metastasis, and the modulation of innate and adaptive immune responses.
Reconstitution and Storage	Maintain refrigerated at 2-8C for up to 2 weeks. For long term storage store at -20C in small aliquots to prevent freeze-thaw cycles.
Datasheets/Manuals	Printable datasheet for anti-CEACAM1 antibody - <a href="#">OAAB04370</a>
Additional Information	<p><b>Cellular Location:</b> Isoform 1: Cell membrane; Single-pass type I membrane protein. Lateral cell membrane. Apical cell membrane. Basal cell membrane. Cell junction. Cell junction, adherens junction. Note=Canalicular domain of hepatocyte plasma membranes. Found as a mixture of monomer, dimer and oligomer in the plasma membrane. Occurs predominantly as cis- dimers and/or small cis-oligomers in the cell junction regions Found as dimer in the solution. Predominantly localized to the lateral cell membranes. Isoform 3: Secreted Isoform 5: Cell membrane; Single-pass type I membrane protein Isoform 7: Cell membrane; Single-pass type I membrane protein Cell projection, microvillus membrane; Single-pass type I membrane protein. Apical cell membrane; Single-pass type I membrane protein. Note=Localized to the apical glycocalyx surface. Colocalizes with CEACAM20 at the apical brush border of intestinal cells.</p> <p><b>Tissue Location:</b> Expressed in columnar epithelial cells of the colon (at protein level). The predominant forms expressed by T cells are those containing a long cytoplasmic domain. Expressed in granulocytes and lymphocytes. Leukocytes only express isoforms 6 and isoform 1.</p>
Application Info	<b>WB:</b> 1:2000 <b>IHC-P-Leica:</b> 1:500
Other Applications Image 1 Data	Flow cytometric analysis of HepG2 cells using CEACAM Antibody (N-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.
Immunogen	This CEACAM antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 50-77 amino acids from the N-terminal region of human CEACAM.
Intended Use	For research use only and not for use in diagnostic or therapeutic procedures.
Uniprot ID	<a href="#">P13688</a>
Protein Name	Carcinoembryonic antigen-related cell adhesion molecule 1
Sample Type Confirmation	There is BioGPS gene expression data showing that CEACAM1 is expressed in HepG2
Protein Accession #	<a href="#">NP_001020083.1</a>

<b>Purification</b>	This antibody is purified through a protein A column, followed by peptide affinity purification.	
<b>Gene Symbol</b>	<a href="#">CEACAM1</a>	
<b>Predicted Species Reactivity</b>	Human	
<b>Application</b>	FC, IHC-P, WB	
<b>Predicted Homology Based on Immunogen Sequence</b>	Human	
<b>Image 1</b>	<p><b>HepG2</b></p>  <p>Western blot analysis of CEACAM antibody (N-term) in HepG2 cell lysates (35ug/lane). CEACAM (arrow) was detected using the purified Pab.</p> <p>There is BioGPS gene expression data showing that CEACAM1 is expressed in HepG2</p>	
<b>Image 2</b>	<p><b>human hepatocarcinoma</b></p>  <p>Formalin-fixed and paraffin-embedded human hepatocarcinoma with CEACAM Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.</p>	
<b>Image 3</b>	<p><b>HepG2</b></p>  <p>Flow cytometric analysis of HepG2 cells using CEACAM Antibody (N-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.</p>	

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Optimal conditions of its use should be determined by end users.

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