

Datasheet for ABIN391544  
**anti-CEACAM5 antibody (N-Term)**



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4 Images

## Overview

Quantity:	400 µL
Target:	CEACAM5
Binding Specificity:	AA 50-77, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CEACAM5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

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.
Clone:	RB18886
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	CEACAM5
Alternative Name:	CEACAM ( <a href="#">CEACAM5 Products</a> )
Background:	CEACAM is a member of the carcinoembryonic antigen (CEA) family, which belongs to the

## Target Details

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.

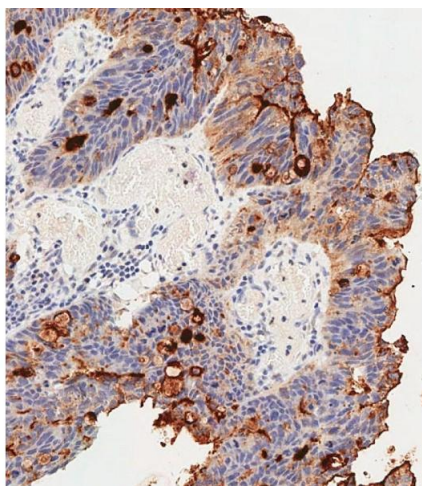
Molecular Weight:	57560
Gene ID:	634
NCBI Accession:	<a href="#">NP_001020083</a> , <a href="#">NP_001171742</a> , <a href="#">NP_001171744</a> , <a href="#">NP_001171745</a> , <a href="#">NP_001192273</a> , <a href="#">NP_001703</a>
UniProt:	<a href="#">P13688</a>

## Application Details

Application Notes:	WB: 1:2000. WB: 1:2000. IHC-P-Leica: 1:500
Restrictions:	For Research Use only

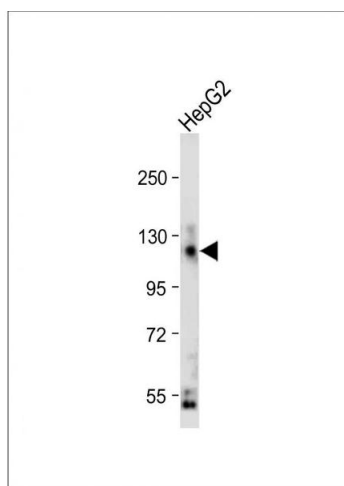
## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



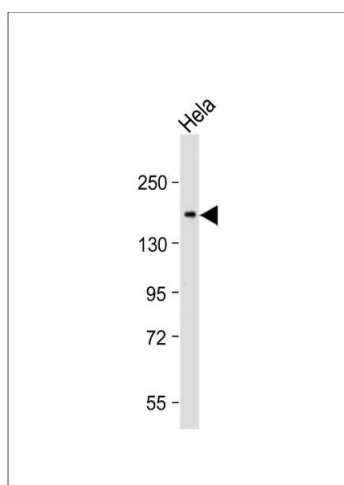
### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemical analysis of paraffin-embedded Human colon carcinoma tissue using (ABIN391544 and ABIN2841493) performed on the Leica® BOND RXm. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer (pH 9.0). Samples were incubated with primary Antibody (1:500) for 1 hours at room temperature. A undiluted biotinylated CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary antibody.



### Western Blotting

**Image 2.** Anti-CEAC Antibody (N-term) at 1:2000 dilution + HepG2 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 58 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.



### Western Blotting

**Image 3.** Anti-CEAC Antibody (N-term) at 1:2000 dilution + HeLa whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 58 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN391544.