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Datasheet for ABIN7146799

## anti-CEACAM5 antibody (AA 1-255)

### 3 Images

#### Overview

Quantity:	100 µL
Target:	CEACAM5
Binding Specificity:	AA 1-255
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CEACAM5 antibody is un-conjugated
Application:	Immunofluorescence (IF), Western Blotting (WB), Immunohistochemistry (IHC), ELISA

#### Product Details

Immunogen:	Recombinant Human Carcinoembryonic antigen-related cell adhesion molecule 5 protein (1-255AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

#### Target Details

Target:	CEACAM5
Alternative Name:	CEACAM5 ( <a href="#">CEACAM5 Products</a> )
Background:	Background: Cell surface glycoprotein that plays a role in cell adhesion and in intracellular

## Target Details

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signaling. Receptor for E.coli Dr adhesins.

Aliases: Carcinoembryonic antigen antibody, Carcinoembryonic antigen-related cell adhesion molecule 5 antibody, CD66e antibody, CEA antibody, Ceacam5 antibody, CEAM5\_HUMAN antibody, DKFZp781M2392 antibody, Meconium antigen 100 antibody, OTTHUMP00000199032 antibody, OTTHUMP00000199033 antibody, OTTHUMP00000199034 antibody

UniProt: [P06731](#)

## Application Details

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Application Notes: Recommended dilution: WB:1:1000-1:5000, IHC:1:200-1:500, IF:1:50-1:200,

Restrictions: For Research Use only

## Handling

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Format: Liquid

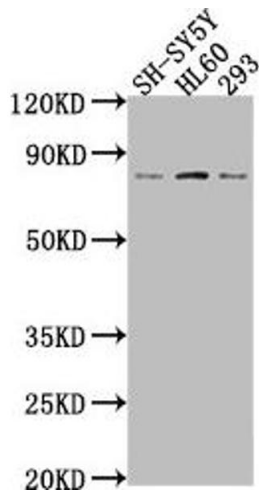
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

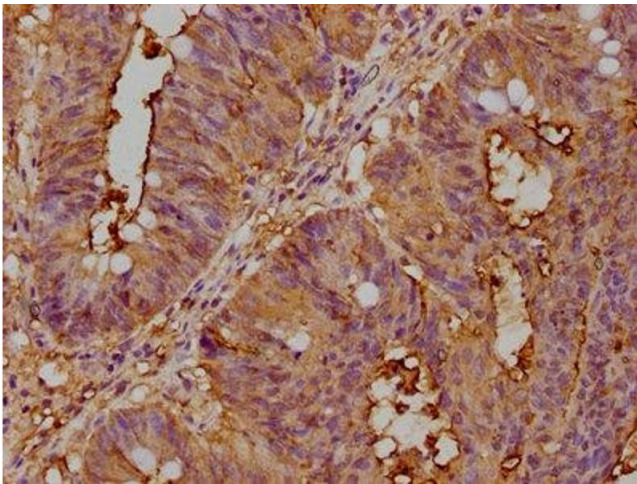
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



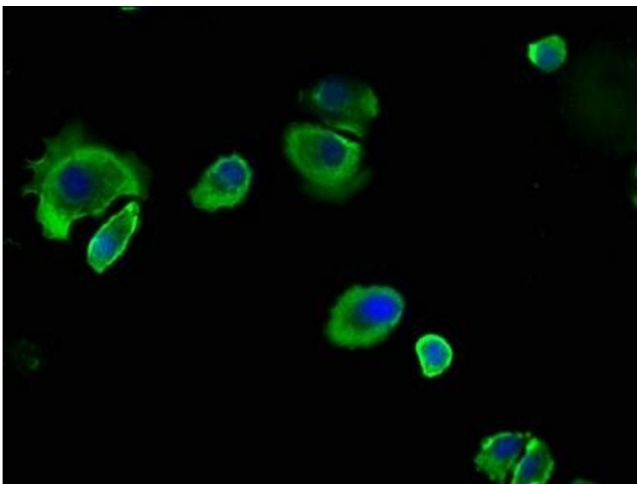
### Western Blotting

**Image 1.** Western Blot Positive WB detected in: SH-SY5Y whole cell lysate, HL60 whole cell lysate, 293 whole cell lysate All lanes: CEACAM5 antibody at 1:2000 Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 77 kDa Observed band size: 77 kDa



### Immunohistochemistry

**Image 2.** IHC image of ABIN7146799 diluted at 1:400 and staining in paraffin-embedded human colon cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



### Immunofluorescence

**Image 3.** Immunofluorescence staining of MCF-7 cells with ABIN7146799 at 1:133, counter-stained with DAPI. The cells were fixed in 4 % formaldehyde, permeabilized using 0.2 % Triton X-100 and blocked in 10 % normal Goat Serum. The cells were then incubated with the antibody overnight at 4 °C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).