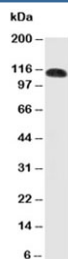


## CEACAM5 Antibody / CEA (R30120)

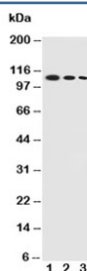
Catalog No.	Formulation	Size
R30120	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 0.025% sodium azide
<b>UniProt</b>	P06731
<b>Applications</b>	Western Blot : 0.5-1ug/ml IHC (FFPE) : 0.5-1ug/ml ELISA : 0.1-0.5ug/ml (human protein tested)
<b>Limitations</b>	This CEACAM5 antibody is available for research use only.



Western blot testing of CEACAM5 antibody and human SW620 cell lysate. Expected molecular weight: 80~200 kDa depending on glycosylation level.



Western blot testing of CEACAM5 antibody and recombinant human protein at 1. 5ng, 2. 2.5ng, 3. 1.25ng

## Description

CEA (Carcinoembryonic antigen), also called CEACAM5, is a glycoprotein involved in cell adhesion. It is normally produced during fetal development, but the production of CEACAM5 stops before birth. Therefore, it is not usually present in the blood of healthy adults, although levels are raised in heavy smokers. CEACAM5 is a glycosyl phosphatidyl inositol(GPI)-cell surface anchored glycoprotein whose specialized sialofucosylated glycoforms serve as functional colon carcinoma L-selectin and E-selectin ligands, which may be critical to the metastatic dissemination of colon carcinoma cells. CEACAM5 and related genes make up the CEA family belonging to the immunoglobulin superfamily. In humans, the carcinoembryonic antigen family consists of 29 genes, 18 of which are normally expressed.

## Application Notes

The stated application concentrations are suggested starting amounts. Titration of the CEACAM5 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

Full length mouse recombinant protein was used as the immunogen for this CEACAM5 antibody.

## Storage

After reconstitution, the CEACAM5 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.