

## CEACAM5 polyclonal antibody

Catalog: BS60853

Host: Rabbit

Reactivity: Human, Rat

### BackGround:

The CD66 (carcinoembryonic antigen, CEA, biliary glycoprotein I, BGP-1, CEACAM) immunoglobulin superfamily of genes encode cell adhesion proteins, which are expressed at higher levels in tumorous tissues than in normal tissues. The human CD66 gene family is a diverse set of glycoproteins of epithelial and hematopoietic lineage that comprises 29 genes, which map to chromosome position 19q13.1-q13.2. CD66A, CD66B, CD66C, CD66D, CD66E and CD66F are the best characterized CD66 antigens, and CD66A-D expression upregulates on the surface of granulocytes upon stimulation. Certain CD66 family members mediate homotypic and heterotypic intercellular adhesion events. CD66E, also known as CEA, is a well known tumor marker and a heavily glycosylated GPI-linked cell surface molecule.

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.7.

### Molecular Weight:

~ 77 kDa

### Swiss-Prot:

P06731

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

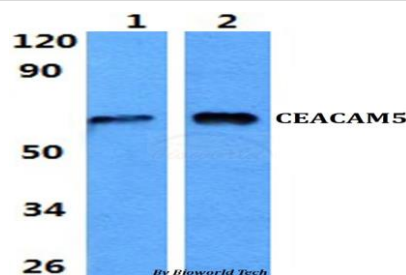
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -24 °C long term. Avoid freeze-thaw cycles.

### Specificity:

CEACAM5 polyclonal antibody detects endogenous levels of CEACAM5 protein.

### DATA:



Western blot (WB) analysis of CEACAM5 polyclonal antibody at 1:500 dilution

Lane1:HEK293T whole cell lysate

Lane2:H9C2 whole cell lysate

### Note:

For research use only, not for use in diagnostic procedure.

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