

## Anti-CEACAM5/Cd66e Monoclonal Antibody (Monoclonal, 35C70)

Catalog Number: M00356-12

### About CEACAM5

Carcinoembryonic antigen is a complex immunoreactive glycoprotein with a molecular weight of 180,000 comprising 60% carbohydrate. It is found in adenocarcinomas of endodermally derived digestive system epithelia and in fetal colon. Carcinoembryonic antigen is one of the most widely used tumor markers in serum immunoassay determinations of carcinoma.

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### Overview

|                      |                                                                                                                                                                                                       |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name         | Anti-CEACAM5/Cd66e Monoclonal Antibody (Monoclonal, 35C70)                                                                                                                                            |
| Reactive Species     | Human                                                                                                                                                                                                 |
| Description          | Boster Bio Anti-CEACAM5/Cd66e Monoclonal Antibody catalog # M00356-12. Tested in IHC, WB applications. This antibody reacts with Human.                                                               |
| Application          | IHC, WB                                                                                                                                                                                               |
| Clonality            | Monoclonal 35C70                                                                                                                                                                                      |
| Formulation          | Mouse IgG in stabilizing components, 1.2% sodium acetate and 0.01mg NaN3.                                                                                                                             |
| Storage Instructions | Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles. |
| Host                 | Mouse                                                                                                                                                                                                 |
| Uniprot ID           | P06731                                                                                                                                                                                                |

### Technical Details

|                               |                                                                                                                                                                                |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen                     | Carcinoembryonic antigen-related cell adhesion molecule 5 (CEA) isolated from a human colon adenocarcinoma cell line.                                                          |
| Recommended Detection Systems | Boster recommends Enhanced Chemiluminescent Kit with anti-Mouse IgG (EK1001) for Western blot, and HRP Conjugated anti-Mouse IgG Super Vision Assay Kit (SV0001-1) for IHC(P). |
| Cross Reactivity              | No cross-reactivity with other proteins                                                                                                                                        |

|                     |                                                                                                        |
|---------------------|--------------------------------------------------------------------------------------------------------|
| Isotype             | Mouse IgG1                                                                                             |
| Form                | lyophilized                                                                                            |
| Concentration       | Adding 1 ml of PBS buffer will yield a concentration of 100 ug/ml.                                     |
| Purification        | Ascites                                                                                                |
| Suggested Dilutions | Western blot, 0.5-1ug/ml, Human<br>Immunohistochemistry (Paraffin-embedded Section), 0.5-2ug/ml, Human |

[Anti-CEACAM5/Cd66e Monoclonal Antibody \(Monoclonal, 35C70\)](#)

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