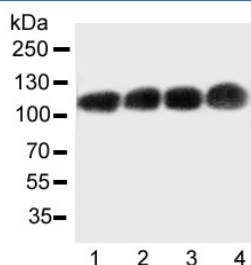


## CEA Antibody / CEACAM5 [clone C6G9] (R30022)

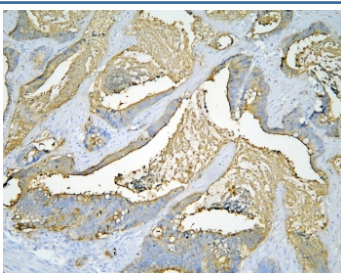
| Catalog No. | Formulation                                           | Size   |
|-------------|-------------------------------------------------------|--------|
| R30022      | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**Bulk quote request**

|                           |                                                                            |
|---------------------------|----------------------------------------------------------------------------|
| <b>Availability</b>       | 1-3 business days                                                          |
| <b>Species Reactivity</b> | Human                                                                      |
| <b>Format</b>             | Ascites                                                                    |
| <b>Clonality</b>          | Monoclonal (mouse origin)                                                  |
| <b>Isotype</b>            | Mouse IgG1                                                                 |
| <b>Clone Name</b>         | C6G9                                                                       |
| <b>Purity</b>             | Ascites                                                                    |
| <b>Buffer</b>             | Lyophilized from mouse ascites fluid with 2.5% BSA and 0.025% sodium azide |
| <b>Gene ID</b>            | 634                                                                        |
| <b>Applications</b>       | Western Blot : 0.5-1ug/ml<br>IHC (FFPE) : 0.5-2ug/ml                       |
| <b>Limitations</b>        | This CEA antibody is available for research use only.                      |



Western blot testing of CEA antibody and Lane 1: Recombinant human CEA protein 10ng; Lane 2: 5ng; 3: 2.5ng; 4: 1.25ng



IHC staining of FFPE human intestinal cancer with CEA antibody at 1ug/ml. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min and allow to cool before testing.

## Description

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.

## Application Notes

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

## Immunogen

Carcinoembryonic antigen isolated from a human colon adenocarcinoma cell line was used as the immunogen for this CEA antibody.

## Storage

The CEA antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.