

## Rabbit anti-Human, Mouse Carcinoembryonic Antigen (CEA) Antibody | anti-CEA antibody

HRP-Linked Polyclonal Antibody to Carcinoembryonic Antigen (CEA)

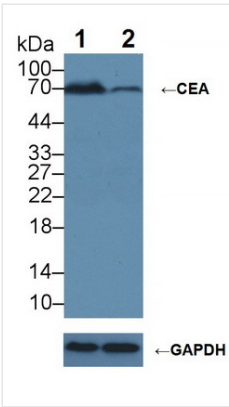
| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                                                                 |
|-----------|--------|--------------|------------------------------------------------------------------------------|
| AAA146023 | Rabbit | Human, Mouse | Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot |

### PRODUCT SYNONYMS

Carcinoembryonic Antigen (CEA); HRP-Linked Polyclonal Antibody to Carcinoembryonic Antigen (CEA); CD66E; CD66; CEACAM5; Carcinoembryonic Antigen-related Cell Adhesion Molecule 5; Carcinoembryonic Antigen; anti-CEA antibody

### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Reactivity                                    | Human, Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Purity/Purification                           | Antigen-specific Affinity Chromatography.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Form/Format                                   | Supplied as solution form in 0.01M PBS, pH7.4, containing 0.02% NaN <sub>3</sub> , 50% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Concentration                                 | 0.76mg/ml (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Applicable Applications for anti-CEA antibody | IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Source                                        | Antibody labeling                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Label                                         | HRP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Preparation and Storage                       | <p><b>Storage:</b></p> <p>Avoid repeated freeze/thaw cycles.</p> <p>Store at 4 degree C for frequent use.</p> <p>Aliquot and store at -20 degree C for 24 months.</p> <p><b>Stability Test:</b></p> <p>thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.</p> |



**Knockout Validation**  
Knockout Validation: Lane 1: Wild-type HeLa cell lysate;;Lane 2: CEA knockout HeLa cell lysate;;Predicted MW: 77kDa ;Observed MW: 70kDa;Primary Ab: 5ug/ml Rabbit Anti-Human CEA Ab;Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody;

NCBI AND UNIPROT INFORMATION

|                                  |                                                           |
|----------------------------------|-----------------------------------------------------------|
| NCBI GI #                        | 180199                                                    |
| NCBI GeneID                      | 1048                                                      |
| NCBI Official Full Name          | carcinoembryonic antigen, partial                         |
| NCBI Official Synonym Full Names | carcinoembryonic antigen related cell adhesion molecule 5 |
| NCBI Official Symbol             | CEACAM5                                                   |
| NCBI Official Synonym Symbols    | CEA; CD66e                                                |
| NCBI Protein Information         | carcinoembryonic antigen-related cell adhesion molecule 5 |
| UniProt Protein Name             | Carcinoembryonic antigen-related cell adhesion molecule 5 |
| UniProt Gene Name                | CEACAM5                                                   |
| UniProt Synonym Gene Names       | CEA; CEA                                                  |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/rabbit-human-mouse-antibody/carcinoembryonic-antigen-cea/146023>