



## Specification Sheet

| Antibody against Human Carcinoembryonic Antigen   |               |   |
|---|---------------|---|
| Product Name  |               | CEA mAb2-coating  |
| Catalog Number  |               | A52-Ab2   |
| Lot Number  |               |   |
| Description   |               | Monoclonal antibody to Human Carcinoembryonic Antigen   |
| Product Profile   | Specificity   | Specific for Human Carcinoembryonic Antigen<br>Negative for human albumin, NCA, NCA-2, and PSA, etc   |
|   | Format        | Liquid  |
|   | Buffer        | 50 mM NaCl, 20 mM PBS pH 7.4, with 0.1% NaN <sub>3</sub>  |
|   | Source/Clone  | Mouse ascites / Monoclonal  |
|   | Subclass      | IgG1  |
|   | Purification  | Ion-exchange purified   |
|   | Concentration |   |
|   | Purity        | >95%  |
|   | Immunogen     | CEA purified from CEA culture supernatant   |
| Application   |               | Suitable for use in ELISA or Lateral flow immunoassay (double antibody test for CEA detection). Other applications have not been tested but use in such assays should not be excluded.  |
| Performance review  |               | <ul style="list-style-type: none"> <li>Capable of creating tests with sensitivity of 5 ng/ml or lower.</li> <li>Recommended pair for double antibody immunoassay: Coating: A52-Ab2; labeling: A52-Ab1</li> </ul>  |
| Store at  |               | 2-8°C. For long-term storage, freeze at -20°C.  |
| Precautions and Disclaimer  |               | This product contains NaN <sub>3</sub> , which has been classified as Harmful, in European Directive 67/548/EEC in the concentration range of 0.1–1.0%. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent NaN <sub>3</sub> build-up in drains. |
| Note  |               | Centrifuge before opening to ensure complete recovery of vial contents  |
| FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY,<br>NOT FOR USE IN DIAGNOSTIC PRODEDURES |               |   |