

Product Information Sheet for Monoclonal Antibodies



| | | | |
|------------------|------------------------------------|------------------------------|------------------|
| Item Name | CEA Monoclonal Antibody, HP | Prod. Code: | 3000-8215 |
| Clone ID | Purified | Optional Description: | CEA #12B3 |
| Source: | Mouse | | |

Specificity: The monoclonal antibody specifically reacts with Human Carcinoembryonic Antigen.

| | | |
|-------------------------------|---------------------|---------------------------|
| | Method Used: | Acceptable Result: |
| Product Concentration: | OD280/1.4 | 2-5 mg/ml mg/ml |

| | | |
|----------------------------------|--------------|--------------|
| Product Characterization: | | |
| % Purity: | SDS Page Gel | ≥95% by PAGE |

| | | |
|-----------------------|-------|----------------|
| Total Protein: | OD280 | 2.8-7 OD Units |
|-----------------------|-------|----------------|

Buffer Matrix & pH: PBS Buffer with 0.1% NaN₃, pH =7.4±0.2

Filtration: 0.2u

Optimum Storage Conditions: Short term : 4°C Long term: -20°C

Shelf Life: TBD (stored at recommended long term temperature)

Other Specifications:

Immunogen: CC derived, Affinity Purified CEA, HP Ag

Uses*: *See Below

Isotype: IgG1

Fusion Partner: FO

Spleen Donor: Balb/cj

Purification Method: Protein A

Isoelectric Point: 6.5

*Uses: Immunoassay, reactive by Elisa and western blot to both cell culture derived and human fluid derived CEA antigens. (3000-2600 or 3000-1300) Recommended pairings for immunoassay: CEA clone #12B3 is recommended for use as a coating (solid phase) antibody and pairs with either CEA clone #8D4 or #5D9 enzyme conjugate.

***Use Statement:** -For use in research or remanufacture of non-injectable products not subject to license under PHS Act Sec. 351 only.