

Product Information Sheet for Monoclonal Antibodies



Item Name	CEA Monoclonal Antibody, HP	Prod. Code:	3000-8225
Clone ID	Purified	Optional Description:	CEA #8D4
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
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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: 6.8

*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 #8D4 is recommended for use as an enzyme conjugate and pairs with CEA clone #12B3 used as a solid phase capture antibody.

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