

Datasheet: PHP282

Description:	HUMAN CD66e
Name:	CD66e
Other names:	CEA
Format:	Purified
Product Type:	Purified Protein
Quantity:	0.2 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
ELISA	■			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

Target Species	Human
Product Form	Partially purified protein - liquid
Preparation	PHP282 is partially purified by affinity chromatography from a human colon adenocarcinoma cell line.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	Total protein concentration 1.0 mg/ml
External Database Links	UniProt: P06731 Related reagents Entrez Gene: 1048 CEACAM5 Related reagents
Synonyms	CEA
Product Information	CD66e, also known as Carcinoembryonic antigen (CEA), is a surface glycoprotein found in fetal gastrointestinal tissue and associated with various benign and malignant tumours. As it is not

usually present in the blood of healthy adults it is often used as a marker for cancer ([Pasanen *et al.* 1993](#)).

References

1. Yang, C.C, *et al.* (2014) Development of antibody functionalized magnetic nanoparticles for the immunoassay of carcinoembryonic antigen: a feasibility study for clinical use. [J Nanobiotechnology. 12 \(1\): 44.](#)

Storage

Store at -20°C only.
Storage in frost-free freezers is not recommended.
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the protein. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life

18 months from date of despatch

Health And Safety Information

Material Safety Datasheet documentation #10258 available at:
10258: <https://www.bio-rad-antibodies.com/uploads/MSDS/10258.pdf>

Regulatory

For research purposes only

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