

Datasheet: MCA6346

Description:	RABBIT ANTI CD66e
Specificity:	CD66e
Other names:	CEA
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	RM326
Isotype:	IgG
Quantity:	0.1 ml

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
Immunohistology - Paraffin	▪			1/1000 - 1/2000
ELISA	▪			1/1000 - 1/5000
Western Blotting	▪			1/1000 - 1/2000

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 appropriate negative/positive controls.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein A from animal origin-free culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide 1% Bovine Serum Albumin 50% Glycerol
Immunogen	Native CD66e protein purified from human liver tissue

**External Database
Links**

UniProt:

[P06731](#) [Related reagents](#)

Entrez Gene:

[1048](#) CEACAM5 [Related reagents](#)

Synonyms

CEA

Specificity

Rabbit anti CD66e antibody recognizes carcinoembryonic antigen-related cell adhesion molecule 5 (CEACAM5), also known as CEA.

CD66e is a fetal glycoprotein which is normally expressed by mucosal cells and is not usually highly expressed after birth. However, CD66e can be expressed in a number of disease states including colorectal cancer (CRC) ([Hall et al. 2019](#)) and cancers of the breast, liver, stomach, and pancreas. It is therefore considered to be a classic tumor marker. A number of benign conditions can also lead to elevations in CD66e expression including hypothyroidism and pancreatitis, but expression level is generally lower than in cancer ([Asad-Ur-Rahman and Saif 2016](#)). High Cd66e expression in the serum of patients with cancer is related to tumor deterioration and subclinical metastases ([Wan et al. 2019](#)).

Storage

Store at -20°C only.
Storage in frost-free freezers is not recommended.
This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee

12 months from date of despatch

**Health And Safety
Information**

Material Safety Datasheet documentation #10048 available at:
<https://www.bio-rad-antibodies.com/SDS/MCA6346>
10048

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

- Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
- Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
- Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
- Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)
- Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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