

Datasheet: MCA6346

BATCH NUMBER 157609

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	<p>Rabbit anti CD66e antibody recognizes carcinoembryonic antigen-related cell adhesion molecule 5 (CEACAM5), also known as CEA.</p> <p>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).</p>
Storage	<p>Store at -20°C only.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	<p>Material Safety Datasheet documentation #10048 available at: https://www.bio-rad-antibodies.com/SDS/MCA6346 10048</p>
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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