

## Datasheet: MCA6094

<b>Description:</b>	HUMAN ANTI CARCINOEMBRYONIC ANTIGEN (ARCITUMOMAB BIOSIMILAR)
<b>Specificity:</b>	CARCINOEMBRYONIC ANTIGEN
<b>Format:</b>	Purified
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	Arcitumomab
<b>Isotype:</b>	IgG1
<b>Quantity:</b>	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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Paraffin	▪			
Immunofluorescence	▪			

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.

<b>Target Species</b>	Human
<b>Species Cross Reactivity</b>	Reacts with: Human, Rat <b>N.B.</b> Antibody reactivity and working conditions may vary between species.
<b>Product Form</b>	Human IgG1 kappa recombinant antibody - liquid
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein A
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.02% Proclin 300
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml
<b>Immunogen</b>	Human carcinoembryonic antigen
<b>Specificity</b>	<b>Human anti carcinoembryonic antigen (CEA) antibody</b> is a research grade biosimilar of the monoclonal diagnostic antibody drug arcitumomab. It is a recombinant human IgG1 kappa antibody with variable regions from the hybridoma arcitumomab.

Human anti carcinoembryonic antigen antibody recognizes CEA, a glycoprotein involved in cell adhesion. Overexpression of CEA is associated with a number of gastrointestinal tract carcinomas. The diagnostic drug arcitumomab was used in the diagnosis of recurrent or metastatic colorectal carcinoma.

This product is for research use only, it is NOT FOR DIAGNOSTIC USE.

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<b>Purity</b>	>98% by SDS PAGE
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<b>Storage</b>	Store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
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<b>Shelf Life</b>	12 months from date of despatch
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<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10199 available at: 10199: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10199.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10199.pdf</a>
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<b>Licensed Use</b>	For in vitro research purposes only. Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
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<b>Regulatory</b>	For research purposes only
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