

Datasheet: MCA6094

Description:	HUMAN ANTI CARCINOEMBRYONIC ANTIGEN (ARCITUMOMAB BIOSIMILAR)
Specificity:	CARCINOEMBRYONIC ANTIGEN
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	Arcitumomab
Isotype:	IgG1
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
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.

Target Species	Human
Species Cross Reactivity	<p>Reacts with: Rat</p> <p>N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.</p>
Product Form	Human IgG1 kappa recombinant antibody - liquid
Preparation	Purified recombinant IgG prepared by affinity chromatography on Protein A from a mammalian cell line
Source	HEK
Buffer Solution	Phosphate buffered saline

Preservative Stabilisers	0.02% ProClin 300
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Human carcinoembryonic antigen
Specificity	<p>Human anti carcinoembryonic antigen (CEA) antibody is a research grade biosimilar of the monoclonal diagnostic antibody drug arcitumomab. This product is supplied in a research grade format, i.e. in PBS buffer with preservative, it is not manufactured or formulated in the same way as the therapeutic reference product. A preservative free version is available on request.</p> <p>This product is a recombinant human IgG1 kappa antibody with variable regions from the hybridoma arcitumomab.</p> <p>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.</p> <p>This product is for research use only, it is NOT FOR DIAGNOSTIC USE.</p>
Purity	>98% by SDS PAGE
Storage	<p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
Guarantee	12 months from date of despatch
Acknowledgements	ProClin is a trademark of The Dow Chemical Company (“Dow”) or an affiliated company of Dow.
Health And Safety Information	Material Safety Datasheet documentation #20463 available at: https://www.bio-rad-antibodies.com/SDS/MCA6094 20463
Licensed Use	For in vitro research purposes only. Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
Regulatory	For research purposes only

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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