

Datasheet: MCA2145

Description:	MOUSE ANTI HUMAN CYTOKERATIN 19
Specificity:	CYTOKERATIN 19
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	BA17
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
Flow Cytometry			■	
Immunohistology - Frozen	■			
Immunohistology - Paraffin (1)	■			1/50 - 1/100
ELISA			■	
Immunoprecipitation			■	
Western Blotting	■			

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

(1) This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium citrate buffer pH 6.0 is recommended for this purpose. Antigen retrieval can also be performed by protein digestion e.g. trypsin or pronase

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein A
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Mammary organoids.
External Database	UniProt:

Links

[P08727](#) [Related reagents](#)

Entrez Gene:

[3880](#) KRT19 [Related reagents](#)

Specificity

Mouse anti Human Cytokeratin 19 antibody, clone BA17 recognizes the ~40 kDa cytokeratin corresponding to cytokeratin 19.

Cytokeratin 19 is expressed by many simple and non-keratinizing normal and neoplastic epithelia, including glandular and ductal epithelia.

Histology Positive Control Tissue

Normal breast

References

1. Bartek, J. *et al.* (1985) A subclass of luminal epithelial cells in the human mammary gland, defined by antibodies to cytokeratins. [J Cell Sci. 75: 17-33.](#)
2. Bartek, J. *et al.* (1985) Patterns of expression of keratin 19 as detected with monoclonal antibodies in human breast tissues and tumours. [Int J Cancer. 36 \(3\): 299-306.](#)
3. Chen, Y.K. *et al.* (2006) Ductular proliferation in liver tissues with severe chronic hepatitis B: an immunohistochemical study. [World J Gastroenterol. 12: 1443-6.](#)

Storage

Store at +4°C or at -20°C if preferred.

This product should be stored undiluted.

Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. 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 #10040 available at:
10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR76...)	RPE
Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos. , HRP
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos. , DyLight®488 , DyLight®549 , DyLight®649 , DyLight®680 , DyLight®800 , FITC , HRP
Rabbit Anti Mouse IgG (STAR9...)	FITC
Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR12...)	RPE
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC , HRP
Rabbit Anti Mouse IgG (STAR8...)	DyLight®800
Goat Anti Mouse IgG (STAR70...)	FITC
Rabbit Anti Mouse IgG (STAR13...)	HRP

Human Anti Mouse IgG1 (HCA036...) [HRP](#)

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

North & South Tel: +1 800 265 7376

America Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

'M306503:170615'

Printed on 01 May 2018

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