

Datasheet: OBT3097F

**BATCH NUMBER 158648**

<b>Description:</b>	MOUSE ANTI HUMAN CYTOKERATIN 7:FITC
<b>Specificity:</b>	CYTOKERATIN 7
<b>Format:</b>	FITC
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	LP5K
<b>Isotype:</b>	IgG2b
<b>Quantity:</b>	100 TESTS

## 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
Flow Cytometry	▪			Neat

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>Product Form</b>	Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid		
<b>Max Ex/Em</b>	<b>Fluorophore</b>	<b>Excitation Max (nm)</b>	<b>Emission Max (nm)</b>
	FITC	490	525
<b>Preparation</b>	Purified IgG from tissue culture supernatant prepared by ammonium sulphate precipitation followed by ion exchange chromatography then conjugated to FITC		
<b>Buffer Solution</b>	Phosphate buffered saline		
<b>Preservative Stabilisers</b>	0.1% Sodium Azide (NaN <sub>3</sub> )		
	0.1% Bovine Serum Albumin		
<b>Immunogen</b>	Cytoskeletal proteins from cultured HeLa cells.		

**External Database  
Links**

**UniProt:**

[P08729](#)

[Related reagents](#)

**Entrez Gene:**

[3855](#)

KRT7

[Related reagents](#)

<b>Synonyms</b>	SCL
<b>RRID</b>	AB_619865
<b>Specificity</b>	<b>Mouse anti human cytokeratin 7 antibody, clone LP5K</b> reacts with cytokeratin 7, found in columnar and glandular epithelium of the lung, cervix, breast, bile ducts and the larger collecting ducts of the kidney. Staining of blood vessel cell walls, particularly in endothelial cells, by the mouse anti human cytokeratin 7 antibody, may occasionally be observed.
<b>Flow Cytometry</b>	Use 10ul of the suggested working dilution to label 1x10 <sup>6</sup> cells in 100ul.
<b>References</b>	1. Danacu, V. <i>et al.</i> (2014) Immunohistochemistry Research With Monoclonal Antibodies of The Testicular Parenchyma at Boars and Bio-Economical Meanings <a href="#">Bulletin UASVM Veterinary Medicine 71 (1): 268-9.</a>
<b>Storage</b>	<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>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10041 available at: <a href="https://www.bio-rad-antibodies.com/SDS/OBT3097F">https://www.bio-rad-antibodies.com/SDS/OBT3097F</a> 10041
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Negative Controls

[MOUSE IgG2b NEGATIVE CONTROL:FITC \(MCA691F\)](#)

### Recommended Useful Reagents

[HUMAN SEROBLOCK \(BUF070A\)](#)

[HUMAN SEROBLOCK \(BUF070B\)](#)

**North & South America** Tel: +1 800 265 7376  
Fax: +1 919 878 3751  
Email: [antibody\\_sales\\_us@bio-rad.com](mailto: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](mailto: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](mailto:antibody_sales_de@bio-rad.com)

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