

Datasheet: OBT3097F

BATCH NUMBER 154873

Description:	MOUSE ANTI HUMAN CYTOKERATIN 7:FITC
Specificity:	CYTOKERATIN 7
Format:	FITC
Product Type:	Monoclonal Antibody
Clone:	LP5K
Isotype:	IgG2b
Quantity:	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.

	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.

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

**External Database
Links**

UniProt:

[P08729](#)

[Related reagents](#)

Entrez Gene:

[3855](#)

KRT7

[Related reagents](#)

Synonyms

SCL

RRID

AB_619865

Specificity

Mouse anti human cytokeratin 7 antibody, clone LP5K 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.

Flow Cytometry

Use 10ul of the suggested working dilution to label 1×10^6 cells in 100ul.

References

1. Danacu, V. *et al.* (2014) Immunohistochemistry Research With Monoclonal Antibodies of The Testicular Parenchyma at Boars and Bio-Economical Meanings [Bulletin UASVM Veterinary Medicine 71 \(1\): 268-9.](#)

Storage

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.

Guarantee

12 months from date of despatch

**Health And Safety
Information**

Material Safety Datasheet documentation #10041 available at:
<https://www.bio-rad-antibodies.com/SDS/OBT3097F>
10041

Regulatory

For research purposes only

Related Products

Recommended Negative Controls

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

Recommended Useful Reagents

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

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

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M369456:200529'

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