

## Datasheet: BUF070B

<b>Description:</b>	HUMAN SEROBLOCK
<b>Name:</b>	HUMAN SEROBLOCK
<b>Format:</b>	Reagent
<b>Product Type:</b>	Accessory Reagent
<b>Quantity:</b>	200 TEST

### 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	▪			*See Instructions For Use

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>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )

**Product Information** Human Fc receptors are expressed on a variety of immune cell types including monocytes, macrophages, B cells, granulocytes and dendritic cells. Cells that express Fc receptors can give false positive immunofluorescent staining due to the Fc receptors binding of Ig. Human SeroBlock is designed to prevent such non-specific staining without interfering with appropriate target staining. Human SeroBlock is compatible with use of anti-human antibodies targeting Fc receptors in flow cytometry.

**Instructions For Use** In order to reduce Fc-receptor mediated binding of test antibodies the following procedure is recommended:-

- 1) Add 5 ul of Human SeroBlock per 100ul cell suspension for 5-10 minutes at room temperature.
- 2) Add test antibody according to manufacturers instructions – Do not wash Human

SeroBlock off the cells. Human SeroBlock is suitable for use in conjunction with test antibodies from any manufacturer or with in-house antibodies.\*Human SeroBlock is also compatible with flow cytometric analysis of human Fc receptors.

3) Proceed with staining as usual.

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**References**

1. Boibessot, C. *et al.* (2021) Using *ex vivo*. culture to assess dynamic phenotype changes in human prostate macrophages following exposure to therapeutic drugs. [Sci Rep. 11 \(1\): 19299.](#)

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**Storage**

Store at +4°C. DO NOT FREEZE.

This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.

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**Guarantee**

Guaranteed until date of expiry. Please see product label.

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**Health And Safety Information**

Material Safety Datasheet documentation #10586 available at: 10586: <https://www.bio-rad-antibodies.com/uploads/MSDS/10586.pdf>

This product contains IgG extracted from human serum. The human serum was tested by an FDA approved method and found to be negative for Human Immunodeficiency Virus RNA, Human Immunodeficiency Virus, Human T-Lymphotropic Virus, Hepatitis C RNA, Hepatitis C Virus, Hepatitis B surface antigen and syphilis.

As no test can completely guarantee this material to be free of pathogens it should be handled as potentially infectious.

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**Regulatory**

For research purposes only

**North & South** Tel: +1 800 265 7376

**America** 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://www.bio-rad-antibodies.com/datasheets)

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