

## Datasheet: BUF074

**BATCH NUMBER 170676**

<b>Description:</b>	MONENSIN SOLUTION (1000X)
<b>Name:</b>	MONENSIN SOLUTION
<b>Format:</b>	Reagent
<b>Product Type:</b>	Accessory Reagent
<b>Quantity:</b>	1 ml

## 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	▪			1/1000

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.

**Product Form** 1000x concentrate - liquid

**Preparation** 2 mM solution prior to dilution

**Preservative Stabilisers** 70% Ethanol

**Product Information** **Monensin Solution (1000x)** is commonly used to enhance intracellular cytokine staining by inhibiting protein transport. This solution causes many of the cytokines to accumulate in the Golgi apparatus and endoplasmic reticulum.

**Instructions For Use**

1. Dilute the Monensin Solution (1000x) to a 1x working concentration using cell culture media
2. Add Monensin Solution (1x) to cell culture for 4-24 hours prior to antibody staining. Do not exceed cell culture time as this may affect cell viability

Note: Time and cell culture conditions may need to be optimized

**Storage** Store at +4°C. DO NOT FREEZE.  
This product should be stored undiluted.

Ethanol is flammable, keep away from sources of fire.

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<b>Guarantee</b>	Guaranteed until date of expiry. Please see product label.
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #20381 available at: <a href="https://www.bio-rad-antibodies.com/SDS/BUF074">https://www.bio-rad-antibodies.com/SDS/BUF074</a>
<b>Regulatory</b>	For research purposes only

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**Product inquiries:** [www.bio-rad-antibodies.com/technical-support](http://www.bio-rad-antibodies.com/technical-support)

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](http://bio-rad-antibodies.com/datasheets)  
'M350326:190307'

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