

## Datasheet: BUF074

**BATCH NUMBER 167444**

<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.

<b>Product Form</b>	1000x concentrate - liquid
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<b>Preparation</b>	2 mM solution prior to dilution
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<b>Preservative Stabilisers</b>	70% Ethanol
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<b>Product Information</b>	<b>Monensin Solution (1000x)</b> 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.
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<b>Instructions For Use</b>	<ol style="list-style-type: none"> <li>Dilute the Monensin Solution (1000x) to a 1x working concentration using cell culture media</li> <li>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</li> </ol>
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Note: Time and cell culture conditions may need to be optimized

<b>Storage</b>	Store at +4°C. DO NOT FREEZE. This product should be stored undiluted.
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Ethanol is flammable, keep away from sources of fire.

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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 #20381 available at:  
<https://www.bio-rad-antibodies.com/SDS/BUF074>  
20381

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**Regulatory**                      For research purposes only

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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](https://www.bio-rad-antibodies.com/datasheets)  
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