

Datasheet: BUF074

BATCH NUMBER 160263

Description:	MONENSIN SOLUTION (1000X)
Name:	MONENSIN SOLUTION
Format:	Reagent
Product Type:	Accessory Reagent
Quantity:	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.

	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.
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Instructions For Use	<ol style="list-style-type: none"> 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
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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.
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Ethanol is flammable, keep away from sources of fire.

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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