

Datasheet: 6970-1004

**BATCH NUMBER 153538**

<b>Description:</b>	MOUSE ANTI HUMAN NUCLEAR ANTIGEN
<b>Specificity:</b>	NUCLEAR ANTIGEN (NUCLEI AND CHROMOSOMES)
<b>Format:</b>	Purified
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	1415-1 (21NC85)
<b>Isotype:</b>	IgG2a
<b>Quantity:</b>	0.1 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
Immunohistology - Frozen	▪			
Immunohistology - Paraffin	▪			1/50
ELISA	▪			
Western Blotting (1)	▪			
Immunofluorescence	▪			1/20 - 1/30

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 the appropriate negative/positive controls.

**(1)Clone 1415-1 recognizes a primary band between 30 and 32kDa under non-reducing conditions. Other bands may also be present**

<b>Target Species</b>	Human
<b>Species Cross Reactivity</b>	<p>Reacts with: Rat</p> <p><b>N.B.</b> Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.</p>
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Purified IgG prepared by protein A and ion exchange chromatography from tissue culture

supernatant

---

<b>Buffer Solution</b>	Phosphate buffered saline
------------------------	---------------------------

---

<b>Preservative Stabilisers</b>	0.1% Sodium Azide (NaN <sub>3</sub> )
---------------------------------	---------------------------------------

---

<b>Immunogen</b>	Native
------------------	--------

---

<b>RRID</b>	AB_617391
-------------	-----------

---

<b>Specificity</b>	<b>Mouse anti Human nuclear antigen, clone 1415-1</b> , preferentially reacts with histone H1, a nuclear protein necessary for the condensation of nucleosome chains into higher order structures. Mouse anti Human nuclear antigen, clone 1415-1 stains nuclei of all human cell types and also stains chromosomes diffusely in metaphase cells. Intense diffuse staining is obtained in interphase cells.
--------------------	---

---

<b>Histology Positive Control Tissue</b>	Human Tonsil
--	--------------

---

<b>Storage</b>	Store at -20°C only. 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.
----------------	--

---

<b>Guarantee</b>	12 months from date of despatch
------------------	---------------------------------

---

<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/6970-1004">https://www.bio-rad-antibodies.com/SDS/6970-1004</a> 10040
--------------------------------------	--

---

<b>Regulatory</b>	For research purposes only
-------------------	----------------------------

---

## Related Products

### Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR77...)	<a href="#">HRP</a>
Rabbit Anti Mouse IgG (STAR12...)	<a href="#">RPE</a>
Rabbit Anti Mouse IgG (STAR8...)	<a href="#">DyLight@800</a>
Goat Anti Mouse IgG (STAR76...)	<a href="#">RPE</a>
Human Anti Mouse IgG2a (HCA037...)	<a href="#">HRP</a>
Rabbit Anti Mouse IgG (STAR9...)	<a href="#">FITC</a>
Goat Anti Mouse IgG (Fc) (STAR120...)	<a href="#">FITC</a> , <a href="#">HRP</a>
Goat Anti Mouse IgG IgA IgM (STAR87...)	<a href="#">Alk. Phos.</a> , <a href="#">HRP</a>
Rabbit Anti Mouse IgG (STAR13...)	<a href="#">HRP</a>

Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos.](#), [DyLight®488](#), [DyLight®680](#),  
[DyLight®800](#), [FITC](#), [HRP](#)

Goat Anti Mouse IgG (STAR70...) [FITC](#)

## Recommended Negative Controls

[MOUSE IgG2a NEGATIVE CONTROL \(MCA929\)](#)

<b>North &amp; South America</b>	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: <a href="mailto:antibody_sales_us@bio-rad.com">antibody_sales_us@bio-rad.com</a>	<b>Worldwide</b>	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: <a href="mailto:antibody_sales_uk@bio-rad.com">antibody_sales_uk@bio-rad.com</a>	<b>Europe</b>	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: <a href="mailto:antibody_sales_de@bio-rad.com">antibody_sales_de@bio-rad.com</a>
----------------------------------	---	------------------	---	---------------	---

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://bio-rad-antibodies.com/datasheets)  
'M372686:200710'

Printed on 18 Jan 2024

---

© 2024 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)