Datasheet: 6970-1004

BATCH NUMBER 147624

Product Details

**Description:** MOUSE ANTI HUMAN NUCLEAR ANTIGEN

**Specificity:** NUCLEAR ANTIGEN (NUCLEI AND CHROMOSOMES)

**Format:** Purified

**Product Type:** Monoclonal Antibody

**Clone:** 1415-1 (21NC85)

**Isotype:** IgG2a

**Quantity:** 0.1 ml

### 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).

<table>
<thead>
<tr>
<th>Application</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Immunohistology - Frozen</td>
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<tr>
<td>Immunohistology - Paraffin</td>
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<td>1/50</td>
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<tr>
<td>ELISA</td>
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<td>Western Blotting (1)</td>
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<td>1/20 - 1/30</td>
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<tr>
<td>Immunofluorescence</td>
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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.

### Target Species

Human

### Species Cross Reactivity

Reacts with: Rat

**N.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.

### Product Form

Purified IgG - liquid

### Preparation

Purified IgG prepared by protein A and ion exchange chromatography from tissue culture.
supernatant

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.09% Sodium Azide (NaN₃)

Immunogen

Native

RRID

AB_617391

Specificity

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

Histology Positive Control Tissue

Human Tonsil

Storage

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.

Guarantee

12 months from date of despatch

Health And Safety Information

Material Safety Datasheet documentation #10040 available at:
10040

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Mouse IgG (STAR12...)
Goat Anti Mouse IgG IgA IgM (STAR87...)
Goat Anti Mouse IgG (STAR76...)
Rabbit Anti Mouse IgG (STAR13...)
Goat Anti Mouse IgG (STAR70...)
Goat Anti Mouse IgG (H/L) (STAR117...)

RPE
HRP
RPE
HRP
FITC
Alk. Phos., DyLight®488, DyLight®550, DyLight®650, DyLight®680, DyLight®800, FITC, HRP
FITC
HRP
FITC, HRP