

## Datasheet: 2150-2203

<b>Description:</b>	MOUSE ANTI HUMAN COLLAGEN I/II/III
<b>Specificity:</b>	COLLAGEN I/II/III
<b>Format:</b>	Purified
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	NLI/22
<b>Isotype:</b>	IgM
<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
Immunohistology - Frozen	▪			1/5 - 1/20
ELISA	▪			1/500 - 1/2000

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.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgM - lyophilized
<b>Reconstitution</b>	Use 1 ml sterile distilled water to give a concentration of 0.1 mg/ml.
<b>Preparation</b>	Gel Filtration chromatography from ascites
<b>Buffer Solution</b>	0.1M Sodium Chloride 0.01M Sodium Phosphate 0.01M Sodium Borate
<b>Preservative Stabilisers</b>	1% Mannitol 1% Dextran
<b>Immunogen</b>	Human placental collagen type 1.

**External Database  
Links**

**UniProt:**

[P02452](#)    [Related reagents](#)  
[P08123](#)    [Related reagents](#)  
[P02458](#)    [Related reagents](#)  
[P02461](#)    [Related reagents](#)

**Entrez Gene:**

[1277](#) COL1A1    [Related reagents](#)  
[1278](#) COL1A2    [Related reagents](#)  
[1280](#) COL2A1    [Related reagents](#)  
[1281](#) COL3A1    [Related reagents](#)

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**RRID**                    AB\_617237

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**Specificity**            **Mouse anti Human collagen I/II/III antibody, clone NL1/22** reacts with collagens type I, II and III. It does not react with human collagen types IV, V or VI, human plasma proteins or albumin from various species.

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**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.

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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 #20482 available at:  
<https://www.bio-rad-antibodies.com/SDS/2150-2203>  
20482

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**Regulatory**             For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Goat Anti Mouse IgM (STAR138...)    [Alk. Phos.](#)

Goat Anti Mouse IgG IgA IgM (STAR87...) [HRP](#)

### Recommended Negative Controls

[MOUSE IgM NEGATIVE CONTROL \(MCA692\)](#)

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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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