

## Datasheet: MCA4298Z

<b>Description:</b>	MOUSE ANTI HUMAN KIAA0101:Preservative Free
<b>Specificity:</b>	KIAA0101
<b>Other names:</b>	PCNA-ASSOCIATED FACTOR
<b>Format:</b>	Preservative Free
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	3C11-1F11
<b>Isotype:</b>	IgG1
<b>Quantity:</b>	0.1 mg

## 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 - Paraffin (1)	▪			0.1 - 10 ug/ml
Western Blotting	▪			
Immunofluorescence	▪			0.1 - 10 ug/ml

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.

**(1) This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium citrate buffer pH 6.0 is recommended for this purpose.**

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein A
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	None present
<b>Approx. Protein Concentrations</b>	Ig concentration 0.5 mg/ml
<b>Immunogen</b>	Recombinant protein corresponding to aa 1-112 of human KIAA0101
<b>External Database Links</b>	<b>UniProt:</b> <a href="http://www.uniprot.org/entry/Q15004">Q15004</a> <a href="#">Related reagents</a>

**Entrez Gene:**

[9768](#) KIAA0101 [Related reagents](#)

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<b>Synonyms</b>	KIAA0101, NS5ATP9
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<b>Fusion Partners</b>	Spleen cells from BALB/c mice were fused with cells from the Sp2/0 myeloma cell line.
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<b>Specificity</b>	<p><b>Mouse anti Human KIAA0101 antibody, clone 3C11-1C11</b> recognizes human PCNA-associated factor, also known as KIAA0101, Hepatitis C virus NS5A-transactivated protein 9, Overexpressed in anaplastic thyroid carcinoma 1 or PCNA-associated factor of 15 kDa. KIAA0101 is a 111 amino acid ~15 kDa PCNA binding protein involved in DNA repair regulation during replication. KIAA0101 is highly expressed in liver, pancreas and placenta. It is also overexpressed in a number of tumor types (<a href="#">Jain et al.2011</a>).</p> <p>Two isoforms of KIAA0101 generated by alternative splicing have been described. Mouse anti Human KIAA0101 antibody, clone 3C11-1C11 is expected to recognize the canonical isoform 1. However binding to isoform 2 which lacks a significant part on the sequence corresponding to the immunogen used to generate clone 3C11-1F11 has not been evaluated.</p>
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<b>References</b>	1. Yuan, R. H. et al (2007) Overexpression of KIAA0101 predicts high stage, early tumor recurrence, and poor prognosis of hepatocellular carcinoma. <a href="#">Clin Cancer Res. 13: 5368-76.</a>
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<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.
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<b>Shelf Life</b>	18 months from date of despatch.
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<b>Health And Safety Information</b>	Material Safety Datasheet documentation available at: Material Safety Datasheet Documentation #10162 available at: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10162.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10162.pdf</a>
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<b>Regulatory</b>	For research purposes only
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## Related Products

### Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR76...)	<a href="#">RPE</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...)	<a href="#">Alk. Phos.</a> , <a href="#">DyLight®488</a> , <a href="#">DyLight®549</a> , <a href="#">DyLight®649</a> , <a href="#">DyLight®680</a> , <a href="#">DyLight®800</a> , <a href="#">FITC</a> , <a href="#">HRP</a>
Rabbit Anti Mouse IgG (STAR9...)	<a href="#">FITC</a>
Goat Anti Mouse IgG (STAR77...)	<a href="#">HRP</a>
Rabbit Anti Mouse IgG (STAR12...)	<a href="#">RPE</a>
Goat Anti Mouse IgG (Fc) (STAR120...)	<a href="#">FITC</a> , <a href="#">HRP</a>
Rabbit Anti Mouse IgG (STAR8...)	<a href="#">DyLight®800</a>

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

Human Anti Mouse IgG1 (HCA036...) [HRP](#)

## Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

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