

# Product Datasheet

## PCNA associated factor Antibody (3C11-1F11) - Azide and BSA Free H00009768-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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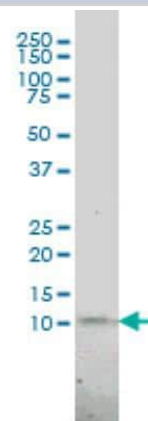
**H00009768-M01**

PCNA associated factor Antibody (3C11-1F11) - Azide and BSA Free

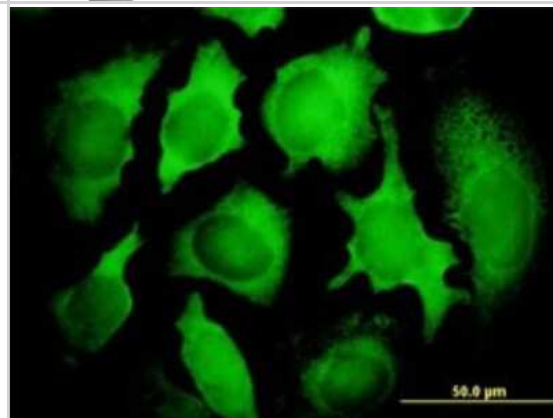
| <b>Product Information</b>         |   |
|------------------------------------|---|
| <b>Unit Size</b>                   | 0.1 mg  |
| <b>Concentration</b>               | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.  |
| <b>Storage</b>                     | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.  |
| <b>Clonality</b>                   | Monoclonal  |
| <b>Clone</b>                       | 3C11-1F11   |
| <b>Preservative</b>                | No Preservative   |
| <b>Isotype</b>                     | IgG1 Kappa  |
| <b>Purity</b>                      | IgG purified  |
| <b>Buffer</b>                      | In 1x PBS, pH 7.4   |
| <b>Product Description</b>         |   |
| <b>Description</b>                 | Novus Biologicals Mouse PCNA associated factor Antibody (3C11-1F11) - Azide and BSA Free (H00009768-M01) is a monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-PCNA associated factor Antibody: Cited in 10 publications. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>                        | Mouse   |
| <b>Gene ID</b>                     | 9768  |
| <b>Gene Symbol</b>                 | PCLAF   |
| <b>Species</b>                     | Human   |
| <b>Specificity/Sensitivity</b>     | KIAA0101 - KIAA0101   |
| <b>Immunogen</b>                   | KIAA0101 (AAH05832, 1 a.a. ~ 111 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.<br>MVRTKADSVPGTYRKVVAARAPRKVLGSSTSATNSTSVSSRKAENKYAGGNP<br>VCVRPTPKWQKGIGEFFRLSPKDSEKENQIPEEAGSSGLGKAKRKACPLQPDH<br>TNDEKE   |
| <b>Notes</b>                       | This product is produced by and distributed for Abnova, a company based in Taiwan.  |
| <b>Product Application Details</b> |   |
| <b>Applications</b>                | Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry  |
| <b>Recommended Dilutions</b>       | Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin  |
| <b>Application Notes</b>           | Antibody reactive against cell lysate and recombinant protein for Western Blot. Has also been used for immunofluorescence, immunohistochemistry (paraffin), and ELISA.  |

## Images

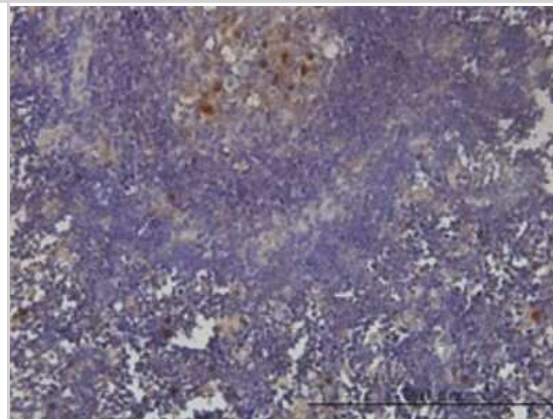
Western Blot: PCNA associated factor Antibody (3C11-1F11) [H00009768-M01] - Western Blot analysis of KIAA0101 expression in JAR ( Cat # L003V1 ).



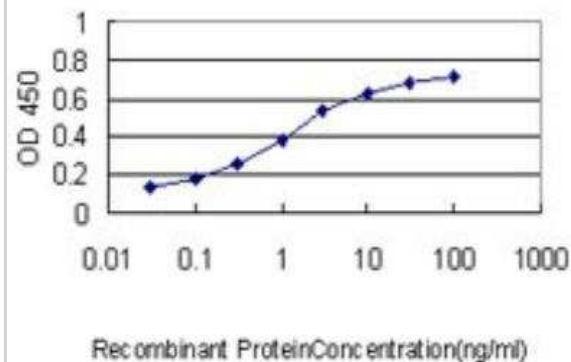
Immunocytochemistry/Immunofluorescence: PCNA associated factor Antibody (3C11-1F11) [H00009768-M01] - Analysis of monoclonal antibody to KIAA0101 on HeLa cell. Antibody concentration 10 ug/ml.



Immunohistochemistry-Paraffin: PCNA associated factor Antibody (3C11-1F11) [H00009768-M01] - Analysis of monoclonal antibody to KIAA0101 on formalin-fixed paraffin-embedded human lymph node tissue. Antibody concentration 3 ug/ml.



ELISA: PCNA associated factor Antibody (3C11-1F11) [H00009768-M01] - Detection limit for recombinant GST tagged KIAA0101 is approximately 0.03ng/ml as a capture antibody.



## Publications

Tuanhe S, Qi A, Rong Y et al. MicroRNA-216a-5p suppresses esophageal squamous cell carcinoma progression by targeting KIAA0101. *Oncol Rep.* 2020-09-04 [PMID: 32901882]

He C, Jing Z, Yinan Y et al. Overexpression of KIAA0101 Promotes the Progression of Non-small Cell Lung Cancer. *J Cancer.* 2020-09-23 [PMID: 33046987]

Anchalee T, Ravat P, Pattana S et al. PCNA-associated factor (KIAA0101/PCLAF) overexpression and gene copy number alterations in hepatocellular carcinoma tissues. *BMC Cancer.* 2021-03-20 [PMID: 33743635]

DST Ong, B Hu, YW Ho, CG Sauvé, CA Bristow, Q Wang, AS Multani, P Chen, L Nezi, S Jiang, CE Gorman, MM Monasterio, D Koul, M Marchesini, S Colla, EJ Jin, EP Sulman, DJ Spring, WA Yung, RGW Verhaak, L Chin, YA Wang, RA DePinho PAF promotes stemness and radioresistance of glioma stem cells *Proc. Natl. Acad. Sci. U.S.A.*, 2017-10-09;114(43):E9086-E9095. 2017-10-09 [PMID: 29073105]

Kato T, Daigo Y, Aragaki M et al. Overexpression of KIAA0101 predicts poor prognosis in primary lung cancer patients. *Lung Cancer.* 2011-06-18 [PMID: 21689861]

Chang CN, Feng MJ, Chen YL et al. p15PAF Is an Rb/E2F-Regulated S-Phase Protein Essential for DNA Synthesis and Cell Cycle Progression. *PLoS One.* 2013-04-04 [PMID: 23593430]

Cheng Y, Li K, Diao D et al. Expression of KIAA0101 protein is associated with poor survival of esophageal cancer patients and resistance to cisplatin treatment in vitro. *Lab Invest.* 2013-10-21 [PMID: 24145239]

Yuan D, Zhu K, Dang C et al. NS5ATP9 mRNA levels in peripheral blood mononuclear cells predict prognosis in patients with gastric cancer. *Med Oncol.* 2014-07-05 [PMID: 24996800]

Shubbar E, Kovacs A, Hajizadeh S et al. Elevated cyclin B2 expression in invasive breast carcinoma is associated with unfavorable clinical outcome. *BMC Cancer* 2013-01-02 [PMID: 23282137] (IF/IHC, Human)

Yuan RH, Jeng YM, Pan HW et al. Overexpression of KIAA0101 Predicts High Stage, Early Tumor Recurrence, Poor Prognosis of Hepatocellular Carcinoma. *Clin Cancer Res*;13(18):5368-76. 2007-09-15 [PMID: 17875765]





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### **Products Related to H00009768-M01**

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|                  |  |
|------------------|--|
| NBP2-33376H      | Blue Marker Antibody (6F4-F6) [HRP]                |
| HAF007           | Goat anti-Mouse IgG Secondary Antibody [HRP]       |
| NB7539           | Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP] |
| NBP1-43319-0.5mg | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)      |

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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