

# Product Datasheet

## Mkl1 Antibody - BSA Free NBP3-04626-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 1

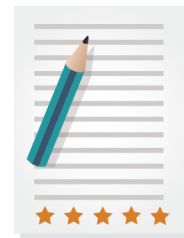
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**NBP3-04626-100ul**

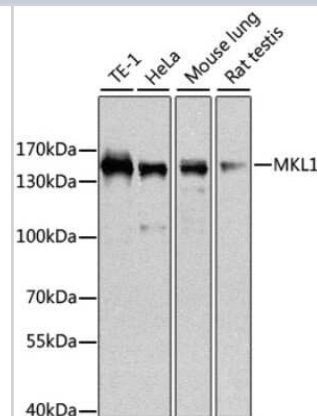
Mkl1 Antibody - BSA Free

| Product Information         |                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 100 ul                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                                                                                                                                                                                                                                                     |
| Storage                     | Store at -20C. Avoid freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                        |
| Clonality                   | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Preservative                | 0.02% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                              |
| Isotype                     | IgG                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Purity                      | Affinity purified                                                                                                                                                                                                                                                                                                                                                                                                               |
| Buffer                      | PBS (pH 7.3), 50% glycerol                                                                                                                                                                                                                                                                                                                                                                                                      |
| Target Molecular Weight     | 98 kDa                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Description                 | Novus Biologicals Rabbit Mkl1 Antibody - BSA Free (NBP3-04626) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and IP. Anti-Mkl1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.                                                                                                                                                                            |
| Host                        | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Gene ID                     | 57591                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Gene Symbol                 | MRTFA                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Species                     | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                                                                                                               |
| Immunogen                   | Recombinant fusion protein containing a sequence corresponding to amino acids 1-280 of human MKL1 (NP_065882.1).<br>MPPLKSPAAFHEQRRSLERARTEDYLKRKIRSRPERSELVRMHILEETSAEPSL<br>QAKQLKLKRARLADDLNEKIAQRPGPMELVEKNILPVESSLKEAIVGQVNYPKV<br>ADSSSFDEDSSDAL SPEQPASHESQGSVPSPLEARVSEPLLSATSASPTQVVS<br>QLPMGRDSREMLFLAEQPPLPPPPLLPPSLTNGTTIPTAKSTPTLIKQSQPKSA<br>SEKSQRSKKAKELKPKVKKLKYHQYIPPDQKQDRGAPPMDSYAKILQQQQLF<br>LQLQILNQQQQ |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation                                                                                                                                                                                                                                                                                                  |
| Recommended Dilutions       | Western Blot 1:500-1:2000, Immunohistochemistry 1:50-1:200, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunoprecipitation 1:20-1:50, Immunohistochemistry-Paraffin                                                                                                                                                                                                                                                    |

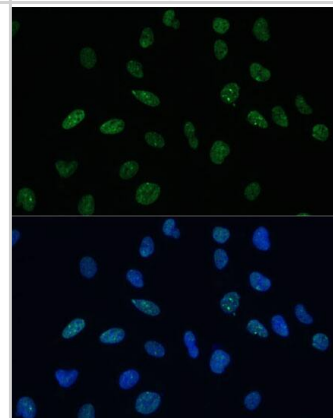


## Images

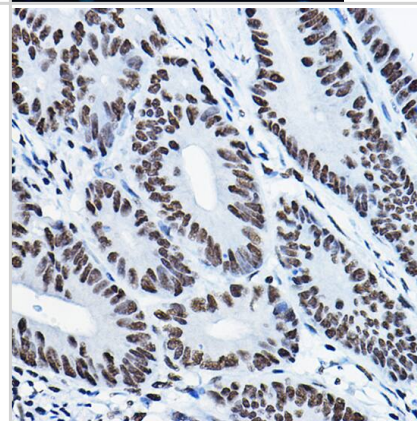
**Western Blot: Mkl1 Antibody [NBP3-04626]** - Analysis of extracts of various cell lines, using Mkl1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit



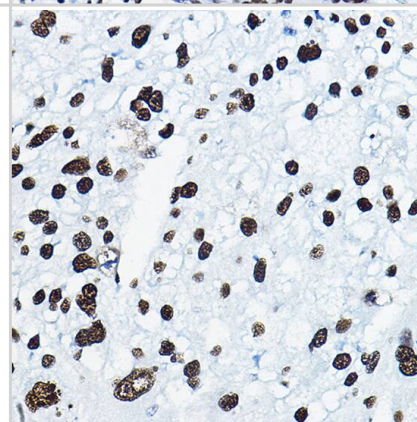
**Immunocytochemistry/ Immunofluorescence: Mkl1 Antibody - BSA Free [Mkl1]** - Immunofluorescence analysis of U-2 OS cells using Mkl1 Rabbit pAb at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



**Immunohistochemistry: Mkl1 Antibody - BSA Free [Mkl1]** - Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using Mkl1 Rabbit pAb at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



**Immunohistochemistry: Mkl1 Antibody - BSA Free [Mkl1]** - Immunohistochemistry analysis of paraffin-embedded Human liver cancer using Mkl1 Rabbit pAb at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



## Publications

Ding Q, Wang GJ, Xue LF et al. p38MAPK silencing attenuates scar proliferation after cleft palate repair surgery in rats via MRTF-A/SRF pathway Experimental cell research Aug 15 2022 12:00AM [PMID: 35690133] (IHC-P, Rat)



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### **Products Related to NBP3-04626-100ul**

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|               |                                                     |
|---------------|-----------------------------------------------------|
| HAF008        | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160        | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891    | Rabbit IgG Isotype Control                          |
| NBP1-88498PEP | Mkl1 Recombinant Protein Antigen                    |

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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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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