

# Product Datasheet

## MIER1 Antibody - BSA Free

### NBP2-55642

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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



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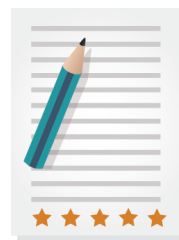
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Updated 9/9/2025 v.20.1

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**NBP2-55642**

MIER1 Antibody - BSA Free

**Product Information**

|                      |                                                                                                                  |
|----------------------|------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>     | 100 ul                                                                                                           |
| <b>Concentration</b> | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| <b>Storage</b>       | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.                           |
| <b>Clonality</b>     | Polyclonal                                                                                                       |
| <b>Preservative</b>  | 0.02% Sodium Azide                                                                                               |
| <b>Isotype</b>       | IgG                                                                                                              |
| <b>Purity</b>        | Affinity purified                                                                                                |
| <b>Buffer</b>        | PBS (pH 7.2) and 40% Glycerol                                                                                    |

**Product Description**

|                         |                                                                                                                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>      | Novus Biologicals Rabbit MIER1 Antibody - BSA Free (NBP2-55642) is a polyclonal antibody validated for use in ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.                  |
| <b>Host</b>             | Rabbit                                                                                                                                                                                                     |
| <b>Gene ID</b>          | 57708                                                                                                                                                                                                      |
| <b>Gene Symbol</b>      | MIER1                                                                                                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                      |
| <b>Reactivity Notes</b> | Mouse 89%, Rat 87%                                                                                                                                                                                         |
| <b>Immunogen</b>        | This antibody was developed against a recombinant protein corresponding to the following amino acid sequence:<br>GPTGGNKKPLHADMDTNGYETDNLTTDPKLAHMTARNENDFDEKSERPAKRR<br>RVNSNGKESPGSSEFFQEAVSHGKFEELENTDD |

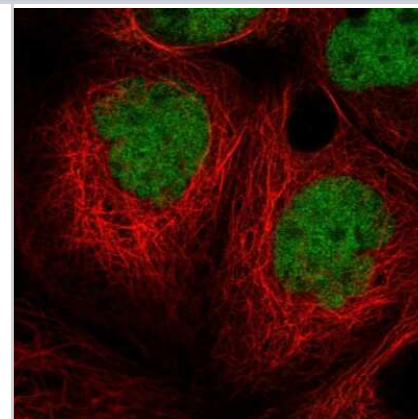
**Product Application Details**

|                              |                                                                                         |
|------------------------------|-----------------------------------------------------------------------------------------|
| <b>Applications</b>          | Immunocytochemistry/ Immunofluorescence                                                 |
| <b>Recommended Dilutions</b> | Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml                                    |
| <b>Application Notes</b>     | Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100. |

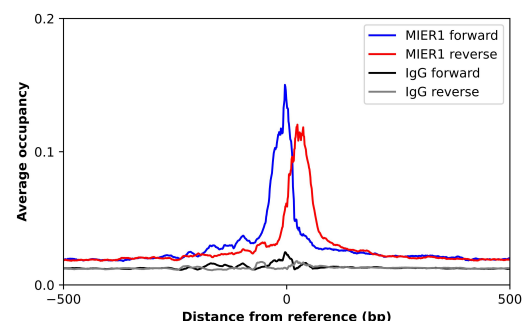


## Images

Immunocytochemistry/Immunofluorescence: MIER1 Antibody [NBP2-55642] - Staining of human cell line A-431 shows localization to nucleoplasm.



ChIP-Exo-Seq composite graph for Anti-MIER1 (NBP2-55642) tested in K562 cells. Strand-specific reads (blue: forward, red: reverse) and IgG controls (black: forward, grey: reverse) are plotted against the distance from a composite set of reference binding sites. The antibody exhibits robust target enrichment compared to a non-specific IgG control and precisely reveals its structural organization around the binding site. Data generated by Prof. B. F. Pugh's Lab at Cornell University.





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### **Products Related to NBP2-55642**

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|               |                                                     |
|---------------|-----------------------------------------------------|
| NBP2-55642PEP | MIER1 Recombinant Protein Antigen                   |
| HAF008        | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160        | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891    | Rabbit IgG Isotype Control                          |

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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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