

# Product Datasheet

## MIER3 Antibody - BSA Free

### NBP2-38080

Unit Size: 0.1 ml

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

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**NBP2-38080**

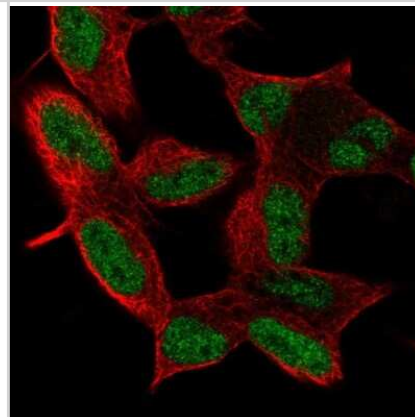
MIER3 Antibody - BSA Free

| Product Information         |                                                                                                                                                                                                   |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.1 ml                                                                                                                                                                                            |
| Concentration               | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.                                                                                  |
| Storage                     | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.                                                                                                            |
| Clonality                   | Polyclonal                                                                                                                                                                                        |
| Preservative                | 0.02% Sodium Azide                                                                                                                                                                                |
| Isotype                     | IgG                                                                                                                                                                                               |
| Purity                      | Immunogen affinity purified                                                                                                                                                                       |
| Buffer                      | PBS (pH 7.2) and 40% Glycerol                                                                                                                                                                     |
| Product Description         |                                                                                                                                                                                                   |
| Description                 | Novus Biologicals Rabbit MIER3 Antibody - BSA Free (NBP2-38080) is a polyclonal antibody validated for use in IHC and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                        | Rabbit                                                                                                                                                                                            |
| Gene ID                     | 166968                                                                                                                                                                                            |
| Gene Symbol                 | MIER3                                                                                                                                                                                             |
| Species                     | Human                                                                                                                                                                                             |
| Immunogen                   | This antibody was developed against a recombinant protein corresponding to amino acids:<br>VPESFMNEVSVNNLGVDNFENHHTHHITSAKMAVSVADFGSLSANETNGFISAHAL<br>HQHAALHSE                                  |
| Product Application Details |                                                                                                                                                                                                   |
| Applications                | Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry                                                                                                      |
| Recommended Dilutions       | Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500                                                         |
| Application Notes           | For IHC-Paraffin, HIER pH 6 retrieval is recommended.<br>Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.                                                  |

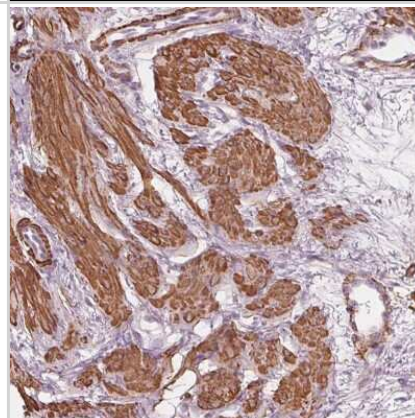


## Images

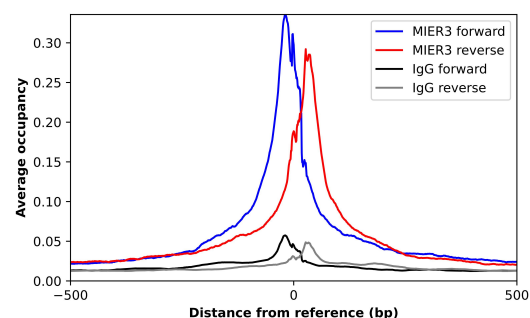
Immunocytochemistry/Immunofluorescence: MIER3 Antibody [NBP2-38080] - Immunofluorescent staining of human cell line SH-SY5Y shows localization to nucleoplasm.



Immunohistochemistry-Paraffin: MIER3 Antibody [NBP2-38080] - Staining of human smooth muscle shows strong cytoplasmic positivity in smooth muscle cells.



ChIP-Exo-Seq composite graph for Anti-MIER3 (NBP2-38080) 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 NBP2-38080**

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|               |                                                     |
|---------------|-----------------------------------------------------|
| NBP2-38080PEP | MIER3 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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