

# Product Datasheet

## MxA/Mx1 Antibody - BSA Free NBP1-83120

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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**NBP1-83120**

MxA/Mx1 Antibody - BSA Free

**Product Information**

|                      |                                                                                                                  |
|----------------------|------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>     | 0.1 ml                                                                                                           |
| <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>        | Immunogen affinity purified                                                                                      |
| <b>Buffer</b>        | PBS (pH 7.2) and 40% Glycerol                                                                                    |

**Product Description**

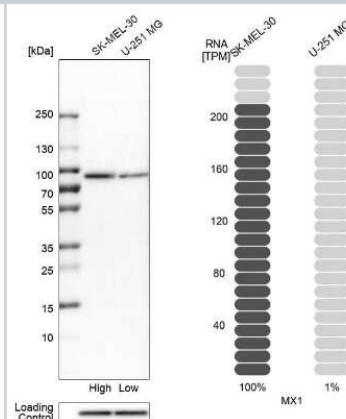
|                         |                                                                                                                                                                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>      | Novus Biologicals Rabbit MxA/Mx1 Antibody - BSA Free (NBP1-83120) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-MxA/Mx1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>             | Rabbit                                                                                                                                                                                                                                                |
| <b>Gene ID</b>          | 4599                                                                                                                                                                                                                                                  |
| <b>Gene Symbol</b>      | MX1                                                                                                                                                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                 |
| <b>Reactivity Notes</b> | Human reactivity reported in scientific literature (PMID: 25878567).                                                                                                                                                                                  |
| <b>Immunogen</b>        | This antibody was developed against Recombinant Protein corresponding to amino acids:<br>IEDIRAEQEREGEKLIRLHFQMEQIVYCQDQVYRGALQKVREKELEEEKKKKSW<br>DFGAFQSSSATDSS                                                                                     |

**Product Application Details**

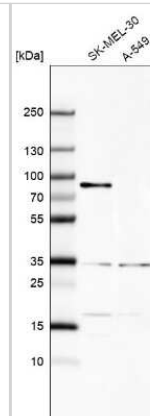
|                              |                                                                                                                     |
|------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>          | Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunohistochemistry                                            |
| <b>Recommended Dilutions</b> | Western Blot 0.04-0.4 ug/ml, ELISA, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500 |
| <b>Application Notes</b>     | ELISA, WB reported in scientific literature (PMID: 25878567). For IHC-Paraffin, HIER pH 6 retrieval is recommended. |

**Images**

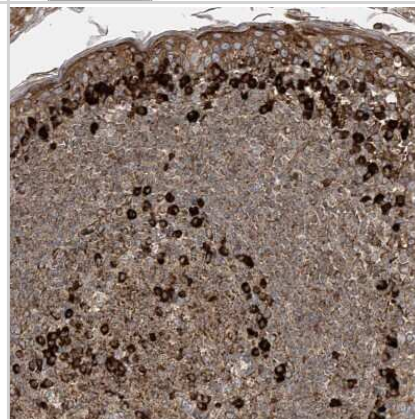
Western Blot: MxA/Mx1 Antibody [NBP1-83120] - Analysis in human cell lines SK-MEL-30 and U-251MG using anti-MX1 antibody. Corresponding MX1 RNA-seq data are presented for the same cell lines. Loading control: anti-PPIB.



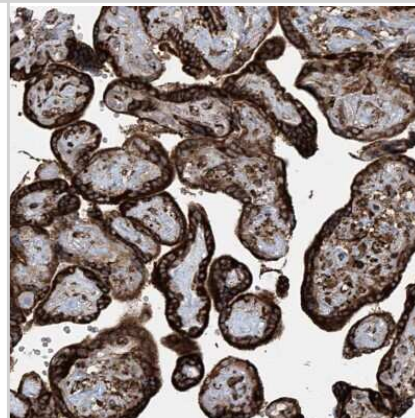
Western Blot: MxA/Mx1 Antibody [NBP1-83120] - Analysis in human cell line SK-MEL-30 and human cell line A-549.



Immunohistochemistry-Paraffin: MxA/Mx1 Antibody [NBP1-83120] - Staining of human tonsil shows moderate to strong cytoplasmic positivity in lymphoid cells.



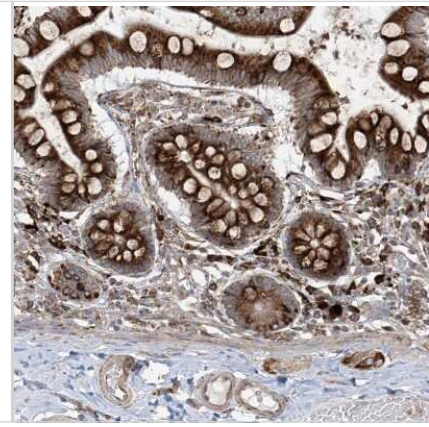
Immunohistochemistry-Paraffin: MxA/Mx1 Antibody [NBP1-83120] - Staining of human placenta shows strong cytoplasmic positivity in trophoblastic cells.



Immunohistochemistry-Paraffin: MxA/Mx1 Antibody [NBP1-83120] - Staining of human skeletal muscle shows no cytoplasmic positivity in striated muscle fibers as expected.



Immunohistochemistry-Paraffin: MxA/Mx1 Antibody [NBP1-83120] - Staining of human small intestine shows strong cytoplasmic positivity in glandular as well as lymphoid cells.



## Publications

Johansson HJ, Sanchez BC, Forshed J et al. Proteomics profiling identify CAPS as a potential predictive marker of tamoxifen resistance in estrogen receptor positive breast cancer. Clin Proteomics 2015-01-01 [PMID: 25878567] (WB, ELISA, Human)



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### **Products Related to NBP1-83120**

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|               |                                                     |
|---------------|-----------------------------------------------------|
| NBP1-83120PEP | MxA/Mx1 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.

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