

# Product Datasheet

## Exportin-5 Antibody - BSA Free NBP3-38333-100ul

Unit Size: 100 ul

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

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**NBP3-38333-100ul**

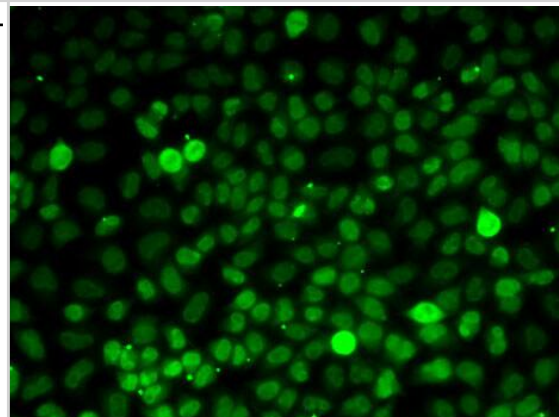
Exportin-5 Antibody - BSA Free

| Product Information            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>               | 100 ul                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Concentration</b>           | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Storage</b>                 | Store at -20C. 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 7.3), 50% glycerol                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Target Molecular Weight</b> | 136 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Product Description            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Description</b>             | Novus Biologicals Rabbit Exportin-5 Antibody - BSA Free (NBP3-38333) is a polyclonal antibody validated for use in WB, ELISA, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.                                                                                                                                                                                                                                                               |
| <b>Host</b>                    | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Gene ID</b>                 | 57510                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Gene Symbol</b>             | XPO5                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Species</b>                 | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Immunogen</b>               | Recombinant fusion protein containing a sequence corresponding to amino acids 925-1204 of human Exportin-5 (Exportin-5 (XPO5)) (NP_065801.1).<br><br>Sequence:<br>MRLSQKWQVINQRSLLCGEDEAADENPESQEMLEEQLVRMLTREVMDLITVC<br>CVSKKGADHSSAPPADGDDEEMMATEVTPSAMAELTDLGKCLMKHEDVCTAL<br>LITAFNSLAWKDTLSCQRTTSQLCWPLLKQVLSGTLLADAVTWLFTSVLKGLQM<br>HGQHDGCMASLVHLAFQIYEALRPRYLEIRAVMEQIPEIQKDSLQDFDCKLLNP<br>SLQKVADKRRKDQFKRLIAGCIGKPLGEQFRKEVHIKNLPSLFKKTCPMLETEVL<br>DNDGGGLATIFEP |
| Product Application Details    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Applications</b>            | Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Recommended Dilutions</b>   | Western Blot 1:2000 - 1:10000, ELISA, Immunocytochemistry/ Immunofluorescence 1:100 - 1:500, Immunoprecipitation 0.5ug - 4ug antibody for 200ug - 400ug extracts of whole cells                                                                                                                                                                                                                                                                                                |



## Images

Immunocytochemistry/ Immunofluorescence: Exportin-5 Antibody [NBP3-38333] - Immunofluorescence analysis of MCF7 cells using Exportin-5 (XPO5) Rabbit pAb. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution.



Western Blot: Exportin-5 Antibody [NBP3-38333] - Western blot analysis of various lysates, using Exportin-5(XPO5) Rabbit pAb at 1:10000 dilution.

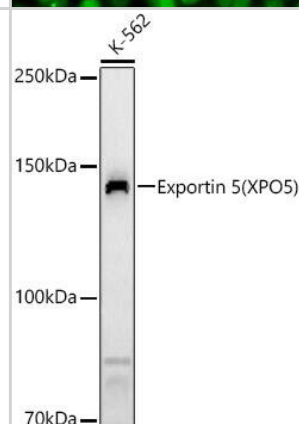
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

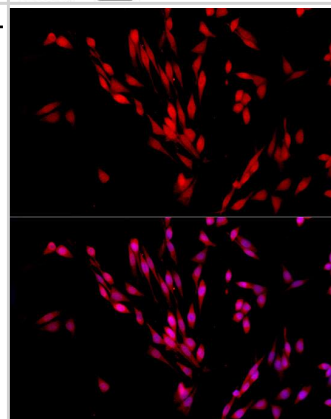
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit.

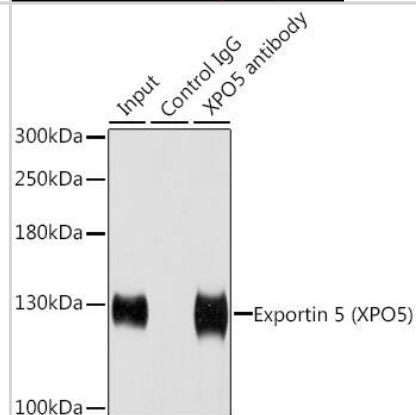
Exposure time: 90s.




Immunocytochemistry/ Immunofluorescence: Exportin-5 Antibody [NBP3-38333] - Immunofluorescence analysis of PC-12 cells using Exportin-5 (XPO5) Rabbit pAb at dilution of 1:500 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunoprecipitation: Exportin-5 Antibody [NBP3-38333] - Immunoprecipitation analysis of 200 ug extracts of HeLa cells using Exportin-5(Exportin 5 (XPO5)) antibody. Western blot was performed from the immunoprecipitate using Exportin 5 (Exportin 5 (XPO5)) antibody at a dilution of 1:1000.



Immunocytochemistry/ Immunofluorescence: Exportin-5 Antibody [NBP3-38333] - Immunofluorescence analysis of MCF7 cells using Exportin-5 Rabbit pAb at dilution of 1:500 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining. 





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### **Products Related to NBP3-38333-100ul**

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|             |                                                     |
|-------------|-----------------------------------------------------|
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP]                 |
| 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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