

# Product Datasheet

## Hexokinase 1 Antibody (3A10) NBP1-51644

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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**NBP1-51644**

Hexokinase 1 Antibody (3A10)

| <b>Product Information</b>     |  |
|--------------------------------|--|
| <b>Unit Size</b>               | 0.1 ml   |
| <b>Concentration</b>           | This product is unpurified. The exact concentration of antibody is not quantifiable.   |
| <b>Storage</b>                 | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| <b>Clonality</b>               | Monoclonal   |
| <b>Clone</b>                   | 3A10   |
| <b>Preservative</b>            | 0.03% Sodium Azide   |
| <b>Isotype</b>                 | IgG1   |
| <b>Purity</b>                  | Ascites  |
| <b>Buffer</b>                  | Ascites  |
| <b>Target Molecular Weight</b> | 102 kDa  |

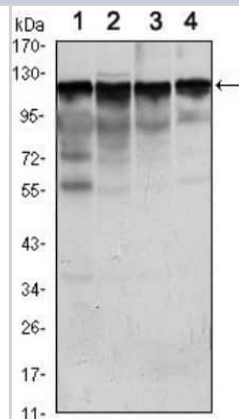
| <b>Product Description</b> |   |
|----------------------------|---|
| <b>Description</b>         | Novus Biologicals Mouse Hexokinase 1 Antibody (3A10) (NBP1-51644) is a monoclonal antibody validated for use in IHC, WB, ELISA, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.  |
| <b>Host</b>                | Mouse   |
| <b>Gene ID</b>             | 3098  |
| <b>Gene Symbol</b>         | HK1   |
| <b>Species</b>             | Human, Mouse, Rat   |
| <b>Reactivity Notes</b>    | Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions. |
| <b>Immunogen</b>           | Purified recombinant fragment of human Hexokinase 1 expressed in E. Coli.   |

| <b>Product Application Details</b> |   |
|------------------------------------|---|
| <b>Applications</b>                | Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry   |
| <b>Recommended Dilutions</b>       | Western Blot 1:500 - 1:2000, Flow Cytometry 1:200 - 1:400, ELISA 1:10000, Immunohistochemistry 1:200-1:1000, Immunocytochemistry/ Immunofluorescence 1:200 - 1:1000, Immunohistochemistry-Paraffin 1:200 - 1:1000 |

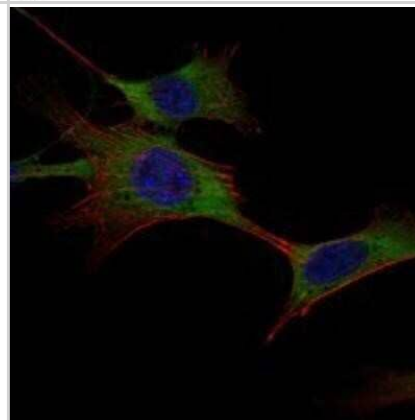


## Images

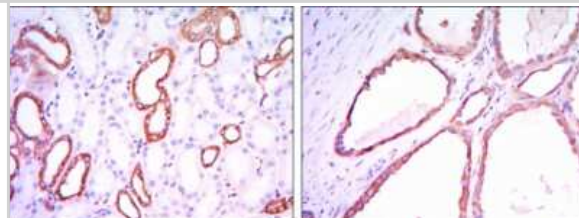
Western Blot: Hexokinase 1 Antibody (3A10) [NBP1-51644] - Analysis using HK1 mouse mAb against Jurkat (1), HeLa (2), HepG2 (3) and NIH/3T3 (4) cell lysate.



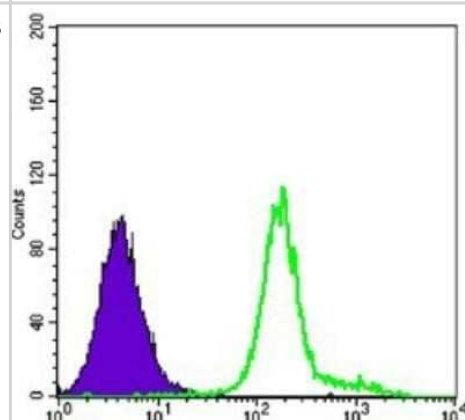
Immunocytochemistry/Immunofluorescence: Hexokinase 1 Antibody (3A10) [NBP1-51644] - Analysis of NIH/3T3 cells using HK1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Immunohistochemistry-Paraffin: Hexokinase 1 Antibody (3A10) [NBP1-51644] - Analysis of kidney tissues using HK1 mouse mAb with DAB staining.



Flow Cytometry: Hexokinase 1 Antibody (3A10) [NBP1-51644] - Analysis of K562 cells using HK1 mouse mAb (green) and negative control (purple).





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### **Products Related to NBP1-51644**

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|                  |  |
|------------------|--|
| NBP2-33376H      | Blue Marker Antibody (6F4-F6) [HRP]                |
| HAF007           | Goat anti-Mouse IgG Secondary Antibody [HRP]       |
| NB7539           | Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1)                   |

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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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