

# Product Datasheet

## DYKDDDDK Epitope Tag Antibody (C.15200054) - BSA Free NBP2-59146

Unit Size: 50 ug

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

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**NBP2-59146**

DYKDDDDK Epitope Tag Antibody (C.15200054) - BSA Free

| <b>Product Information</b>     |   |
|--------------------------------|---|
| <b>Unit Size</b>               | 50 ug   |
| <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>               | Monoclonal  |
| <b>Clone</b>                   | C.15200054  |
| <b>Preservative</b>            | 0.05% Sodium Azide  |
| <b>Isotype</b>                 | IgG1  |
| <b>Purity</b>                  | Protein A purified  |
| <b>Buffer</b>                  | PBS   |
| <b>Target Molecular Weight</b> | 1.01 kDa  |

| <b>Product Description</b> |   |
|----------------------------|---|
| <b>Description</b>         | Novus Biologicals Mouse DYKDDDDK Epitope Tag Antibody (C.15200054) - BSA Free (NBP2-59146) is a monoclonal antibody validated for use in WB and ChIP. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>                | Mouse   |
| <b>Species</b>             | Epitope Tag   |
| <b>Immunogen</b>           | The exact immunogen of DYKDDDDK Epitope Tag Antibody (C.15200054) is proprietary information.   |
| <b>Notes</b>               | FLAG(R) and ANTI-FLAG(R) are registered trademarks of Sigma-Aldrich Co. LLC.  |

| <b>Product Application Details</b> |  |
|------------------------------------|--|
| <b>Applications</b>                | Western Blot, Chromatin Immunoprecipitation (ChIP)                         |
| <b>Recommended Dilutions</b>       | Western Blot 1:1000 - 1:2000, Chromatin Immunoprecipitation (ChIP) 2 ug/IP |

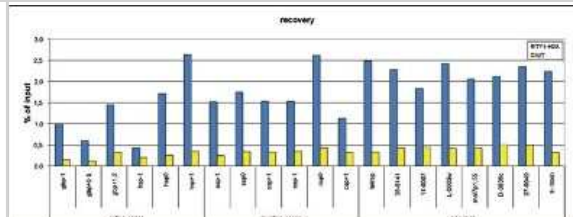


## Images

Western Blot: DYKDDDDK Epitope Tag Antibody (C.15200054) [NBP2-59146] - Analysis of 40 ug whole cell extracts from HeLa cells transfected with either Ty1-tagged MBD1 (lanes 1 and 3) or Ty1-tagged MBD2 (lane 2 and 4). The WB was performed with the DYKDDDDK Epitope Tag Antibody (C.15200054) [NBP2-59146] diluted 1:1000 in TBS-Tween containing 5% skimmed milk (lane 1 and 2) or with an MBD1 antibody (lane 3) or an MBD2 antibody (lane 4). The position of the Ty1-tagged MBD1 and Ty1-tagged MBD2 are shown on the right, the marker (kDa) is shown on the left.



Chromatin Immunoprecipitation: DYKDDDDK Epitope Tag Antibody (C.15200054) [NBP2-59146] - Results obtained with the [NBP2-59146]. CHIP assays were performed using *Plasmodium falciparum* cells stably expressing Ty1-H2A (blue bars) and wild type *Plasmodium falciparum* cells (brown bars). Primer pairs were used for active genes, inactive genes, and variable genes. Sheared chromatin from  $1 \times 10^6$  cells and 2 ug of antibody against Ty1 were used per CHIP experiment.





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### **Products Related to NBP2-59146**

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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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