

# Product Datasheet

## Isocitrate Dehydrogenase 1/IDH1 Antibody (S05-2G5) NBP3-19494-100ul

Unit Size: 100 ul

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

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**NBP3-19494-100ul****Isocitrate Dehydrogenase 1/IDH1 Antibody (S05-2G5)**

| <b>Product Information</b>     |  |
|--------------------------------|--|
| <b>Unit Size</b>               | 100 ul   |
| <b>Concentration</b>           | 0.3 mg/ml  |
| <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>                   | S05-2G5  |
| <b>Preservative</b>            | 0.01% Sodium Azide   |
| <b>Isotype</b>                 | IgG  |
| <b>Purity</b>                  | Affinity purified  |
| <b>Buffer</b>                  | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% BSA                         |
| <b>Target Molecular Weight</b> | 47 kDa   |

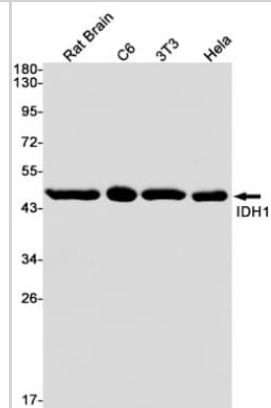
| <b>Product Description</b> |  |
|----------------------------|--|
| <b>Description</b>         | Novus Biologicals Rabbit Isocitrate Dehydrogenase 1/IDH1 Antibody (S05-2G5) (NBP3-19494) is a recombinant monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>                | Rabbit   |
| <b>Gene ID</b>             | 3417   |
| <b>Gene Symbol</b>         | IDH1   |
| <b>Species</b>             | Human, Mouse, Rat  |
| <b>Immunogen</b>           | A synthetic peptide of human Isocitrate Dehydrogenase 1/IDH1 (Uniprot # O75874)  |

| <b>Product Application Details</b> |  |
|------------------------------------|--|
| <b>Applications</b>                | Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry                          |
| <b>Recommended Dilutions</b>       | Western Blot 1/1000-1/5000, Immunohistochemistry 1/20-1/100, Immunohistochemistry-Paraffin |

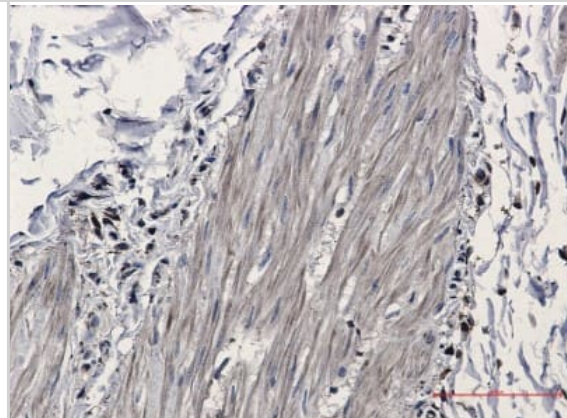


## Images

Western Blot: Isocitrate Dehydrogenase 1/IDH1 Antibody (S05-2G5) [NBP3-19494] - Western blot detection of Isocitrate Dehydrogenase 1/IDH1 in Rat Brain, C6, 3T3, HeLa cell lysates using NBP3-19494 (1:1000 diluted). Predicted band size: 47kDa. Observed band size: 47kDa.



Immunohistochemistry-Paraffin: Isocitrate Dehydrogenase 1/IDH1 Antibody (S05-2G5) [NBP3-19494] - Immunohistochemistry of Isocitrate dehydrogenase in paraffin-embedded Human Cholangiocarcinoma using NBP3-19494 at dilution 1/20





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### **Products Related to NBP3-19494-100ul**

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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.

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