

# Product Datasheet

## Histone Deacetylase 2/HDAC2 Antibody (9H4) NBP3-26239-100ul

Unit Size: 100 ul

Store at -20 to -70C. Avoid freeze-thaw cycles.

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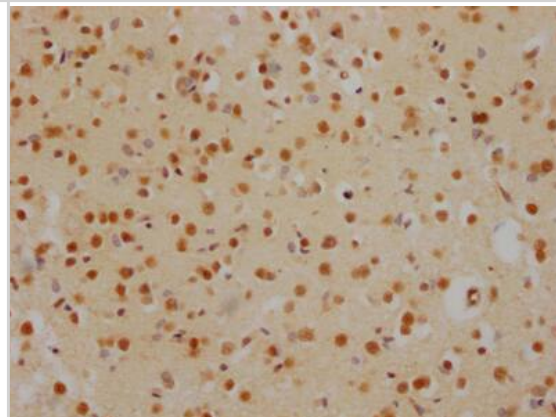


**NBP3-26239-100ul****Histone Deacetylase 2/HDAC2 Antibody (9H4)**

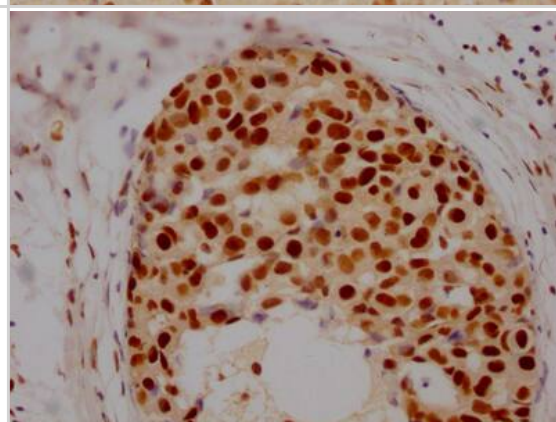
<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20 to -70C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	9H4
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS, pH 7.4, 150mM NaCl, and 50% glycerol
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	3066
<b>Gene Symbol</b>	HDAC2
<b>Species</b>	Human
<b>Immunogen</b>	A synthesized peptide derived from Human Histone Deacetylase 2/HDAC2 [UniProt Q92769]
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:500-1:5000, ELISA, Immunohistochemistry 1:50-1:200, Immunocytochemistry/ Immunofluorescence 1:20-1:200

## Images

Immunohistochemistry: Histone Deacetylase 2/HDAC2 Antibody (9H4) [NBP3-26239] - Image of Histone Deacetylase 2/HDAC2 Antibody (9H4) diluted at 1:100 and staining in paraffin-embedded human breast cancer performed. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.

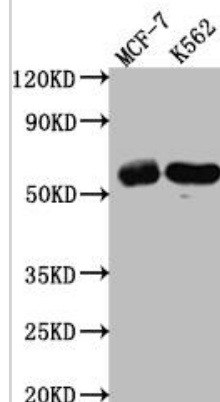


Immunohistochemistry: Histone Deacetylase 2/HDAC2 Antibody (9H4) [NBP3-26239] - Image of Histone Deacetylase 2/HDAC2 Antibody (9H4) diluted at 1:100 and staining in paraffin-embedded human breast cancer performed. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.

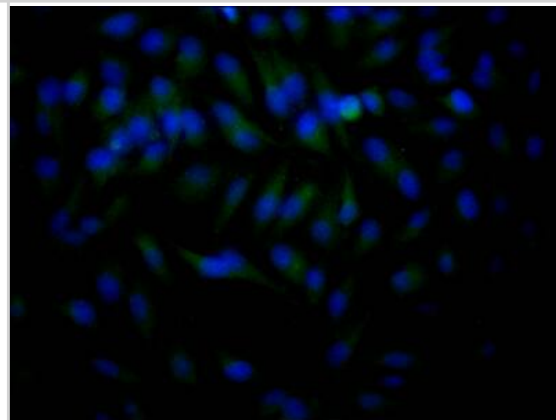


Western Blot: Histone Deacetylase 2/HDAC2 Antibody (9H4) [NBP3-26239] - Positive Western Blot detected in: MCF-7 whole cell lysate, K562 whole cell lysate.

All lanes: Histone Deacetylase 2/HDAC2 Antibody at 1: 1000  
Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution.  
Predicted band size: 56, 52 kDa  
Observed band size: 60 kDa



Immunocytochemistry/Immunofluorescence: Histone Deacetylase 2/HDAC2 Antibody (9H4) [NBP3-26239] - Staining of Hela Cells with Histone Deacetylase 2/HDAC2 Antibody (9H4) at 1:50, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeated by 0.2% Triton X-100, and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4C. Nuclear DNA was labeled in blue with DAPI. The secondary antibody was FITC-conjugated Goat Anti-Rabbit IgG (H+L).





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### **Products Related to NBP3-26239-100ul**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-72399-50ug	Recombinant Human Histone Deacetylase 2/HDAC2 His Protein

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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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