

# Product Datasheet

## Digoxigenin Antibody (21H8) - Azide and BSA Free NBP2-31191

Unit Size: 100 ug

Store at 4C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

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**NBP2-31191**

Digoxigenin Antibody (21H8) - Azide and BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	100 ug
<b>Concentration</b>	LYOPH mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	21H8
<b>Preservative</b>	No Preservative
<b>Reconstitution Instructions</b>	Lyophilized powder, reconstituted in distilled water.
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	Protein A purified
<b>Buffer</b>	0.1M Tris , 0.1M Glycine and 2% Sucrose
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Species</b>	All Species
<b>Specificity/Sensitivity</b>	Reacts with free and bound digoxigenin
<b>Immunogen</b>	Digoxigenin
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunohistochemistry, In-situ Hybridization
<b>Recommended Dilutions</b>	Western Blot 1:500-1:5000, ELISA 1:1000 - 1:10000, Immunohistochemistry 1:200-1:2000, In-situ Hybridization Reported in scientific literature (PMID:34954904)

## Publications

Kyle J Tomek, Kevin Volkel, Alexander Simpson, Austin G Hass, Elaine W Indermaur, James M Tuck, Albert J Keung Driving the Scalability of DNA-Based Information Storage Systems. ACS synthetic biology 2020-06-15 [PMID: 31117362]

Whelan DR, Lee WTC, Marks F et al. Super-resolution visualization of distinct stalled and broken replication fork structures PLoS Genet 2020-12-28 [PMID: 33370257]

Chan TC, Chen YT, Tan KT et al. Biological significance of MYC and CEBPD coamplification in urothelial carcinoma: Multilayered genomic, transcriptional and posttranscriptional positive feedback loops enhance oncogenic glycolysis Clinical and translational medicine 2021-12-01 [PMID: 34954904] (ISH)

Babapoor S, Horwich M, Wu R et al. microRNA in situ hybridization for miR-211 detection as an ancillary test in melanoma diagnosis Mod. Pathol. 2016-02-26 [PMID: 26916074] (ISH)

### Details:

This citation used the HRP version of this antibody.

Babapoor S, Fleming E, Wu R, Dadras SS. A Novel miR-451a isomiR, Associated with Amelanotypic Phenotype, Acts as a Tumor Suppressor in Melanoma by Retarding Cell Migration and Invasion PLoS ONE 2014-09-20 [PMID: 25237911] (IF/IHC)

### Details:

This citation used the HRP version of this antibody.

Ronander E, Bengtsson DC, Joergensen L. Analysis of single-cell gene transcription by RNA fluorescent in situ hybridization (FISH) J Vis Exp 2012-10-01 [PMID: 23070076]

### Details:

This citation used the HRP version of this antibody.





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### **Products Related to NBP2-31191**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

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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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