

Product Datasheet

Histone H3 [p Ser28] Antibody (117C826) - BSA Free NB100-56595SS

Unit Size: 0.025 mg

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

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Publications: 2

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NB100-56595SS

Histone H3 [p Ser28] Antibody (117C826) - BSA Free

Product Information	
Unit Size	0.025 mg
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	117C826
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	15 kDa

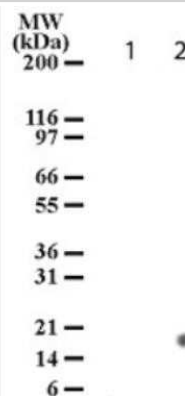
Product Description	
Description	Novus Biologicals Mouse Histone H3 [p Ser28] Antibody (117C826) - BSA Free (NB100-56595) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Histone H3 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	126961
Gene Symbol	H3C14
Species	Human, Fish
Reactivity Notes	Predicted to react with most Mammals and Invertebrates. Fish reactivity reported in scientific literature (PMID: 22279221).
Immunogen	This Histone H3 [p Ser28] antibody (117C826) was raised against a synthetic peptide containing phospho serine at position 28 CARKS*APATGGVKK of human Histone H3. The immunogen sequence is conserved across mammalian and invertebrates, as well as plants.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence
Recommended Dilutions	Western Blot 1-2 ug/ml, Immunocytochemistry/ Immunofluorescence 1:10-1:500. Use reported in scientific literature (PMID 22279221), Immunohistochemistry-Paraffin reported in scientific literature (PMID 35897708)
Application Notes	In anti-Fas mAb treated Jurkat, an 18 kDa band is observed using Histone H3 [p Ser28] antibody (117C826). Not recommended for Immunohistochemistry-Paraffin.



Images

Western Blot: Histone H3 [p Ser28] Antibody (117C826) [NB100-56595]
 - Analysis using Azide and BSA Free version of NB100-56595. Histone H3 phospho (Ser28) in (1) untreated, and (2) Fas antibody treated Jurkat lysate using Histone H3 phospho antibody at 2 ug/ml. Observed molecular weight is ~17 kDa



Publications

Montes-Mojarro IA, Hassas S, Staehle S et al. Multiparametric Classification of Non-Muscle Invasive Papillary Urothelial Neoplasms: Combining Morphological, Phenotypical, and Molecular Features for Improved Risk Stratification International journal of molecular sciences 2022-07-23 [PMID: 35897708] (IHC-P, Human)

Coffin AB, Mohr RA, Sisneros JA. Saccular-specific hair cell addition correlates with reproductive state-dependent changes in the auditory saccular sensitivity of a vocal fish. J Neurosci. 2012-01-25 [PMID: 22279221] (ICC/IF, Fish)

Details:

Histone H3 (Ser28)/PHH3 (IMG-371). IF/ICC: Fish epithelial cells, data described but not shown.



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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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