

Product Datasheet

HIST1H3A [p Ser10] Antibody (rPHH3/6824) NBP3-13802-100ug

Unit Size: 100 ug

Store at 4C.

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Updated 7/16/2024 v.20.1

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NBP3-13802-100ug

HIST1H3A [p Ser10] Antibody (rPHH3/6824)

Product Information	
Unit Size	100 ug
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	rPHH3/6824
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	1mM PBS with 0.05% BSA
Target Molecular Weight	15 kDa

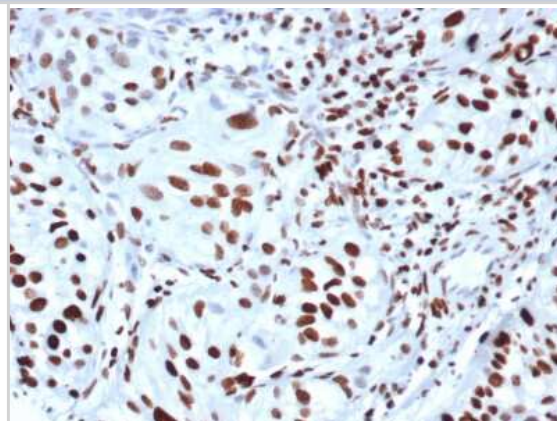
Product Description	
Description	<p>200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 1 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP3-14043)</p> <p>Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 C.</p>
Host	Mouse
Gene ID	8350
Gene Symbol	H3C1
Species	Human
Marker	Nuclear Marker
Specificity/Sensitivity	<p>Phosphohistone H3 (PHH3) is a marker specific for cells undergoing mitosis. Serine 10 of Histone H3 is phosphorylated in association with mitotic chromatin condensation in late G2 and M phase of the cell cycle and thus, PHH3 can distinguish mitosis from apoptotic nuclei. The range of percentage PHH3 positive tumor nuclei was from 0.0 to 6.6% (median value 0.8%). Increased expression of PHH3 was significantly associated with tumor thickness (p = 0.031), presence of tumor ulceration (p = 0.041) and tumor necrosis (p = 0.027), but not with Clarks level of invasion. High levels of PHH3 was associated with increased mitotic count (p = 0.003) and high Ki-67 expression (p = 0.002). For central nervous system tumors, melanoma, soft tissue tumors, GIST, etc., PHH3 mAb is helpful for tumor pathological classification and prognosis.</p>
Immunogen	A synthetic peptide corresponding to (ARK-pS-TGGKAPRKQLc) of Phosphohistone H3 (phospho S10) (Uniprot: P68431)

Product Application Details	
Applications	Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry-Paraffin 1-2 ug/ml
Application Notes	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes



Images

Immunohistochemistry-Paraffin: HIST1H3A [p Ser10] Antibody (rPHH3/6824) [NBP3-13802] - Formalin-fixed, paraffin-embedded human bladder stained with HIST1H3A [p Ser10] antibody (rPHH3/6824).





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Products Related to NBP3-13802-100ug

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)
NBP2-06572	HIST2H3C Overexpression Lysate

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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