

## Product Datasheet

# Phospho-Histone H3 (Ser10) Rabbit Polyclonal Antibody (orb1152070)

<b>Catalog Number</b>	orb1152070
<b>Category</b>	Antibodies
<b>Description</b>	Phospho-Histone H3 (Ser10) Rabbit Polyclonal Antibody
<b>Target</b>	H3C1
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse, Rat
<b>Predicted Reactivity</b>	Mouse, Rat
<b>Form/Appearance</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Buffer/Preservatives</b>	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
<b>Purification</b>	Affinity purified by Protein A
<b>Immunogen</b>	KLH conjugated synthesised phosphopeptide derived from human Histone H3 around the phosphorylation site of Ser10 RK(p-S)TG
<b>UniProt ID</b>	<b>P68431</b>

**Biorbyt Ltd.**

7 Signet Court, Swann Road  
Cambridge  
CB5 8LA  
United Kingdom

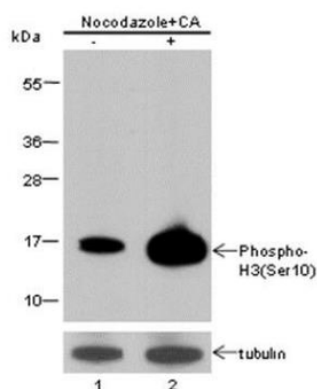
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

**Biorbyt LLC**

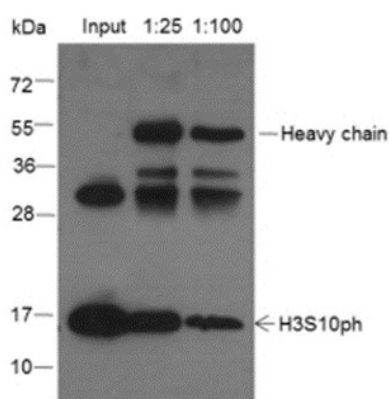
68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713-2847  
United States

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

<b>MW</b>	15 kDa
<b>Tested applications</b>	IF, IHC-Fr, IHC-P, IP, WB
<b>Dilution range</b>	WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:400-800, IF=1:100-500, IP=1:25-100
<b>Antibody Type</b>	Primary Antibody
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



Blocking buffer: 5% NFDM/TBST, Primary Ab Dilution: 1:2000, Primary Ab incubation condition: 2 hours at room temperature, Secondary Ab: Goat Anti-Rabbit IgG H&L, (HRP), Lysate: (-) HeLa, (+) HeLa + Nocodazole, (100 ng/ml, 18hr) + Calyculin A (100nM, 1hr), Protein loading quantity: 20 µg, Exposure time: 30 s, Predicted MW: 17 kDa, Observed MW: 17 kDa.



IP of HeLa + Nocodazole (100 ng/ml, 18hr) + Calyculin A (100nM, 1hr) cells extracts, IP Ab incubation condition: orb1152070, 4°C, overnight, 1:25, 1:100 dilution, WB primary Ab incubation condition: orb1152070, room temperature 2h, 1:1000 dilution, Secondary Ab: Anti-Rabbit IgG for IP (HRP), Blocking buffer and Concentration: 5%, NFDM/TBST, Diluting buffer and Concentration: 5%, NFDM/TBST, Lane 1: 5% Input, Lane 2: IP with orb1152070 (1:25), Lane 3: IP with orb1152070 (1:100), Observed MW: 17 kDa, Exposure time: 30 s.

**Biorbyt Ltd.**

7 Signet Court, Swann Road  
Cambridge  
CB5 8LA  
United Kingdom

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

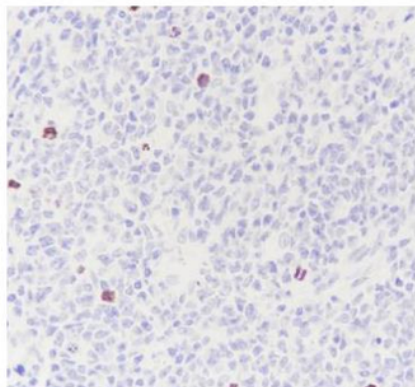
Phone: +44 (0)1223 859353 | Fax: +1 (415) 651-8558

**Biorbyt LLC**

68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713-2847  
United States

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558



Tissue: Human tonsil, Section type: Formalin fixed & Paraffin-, embedded section, Retrieval method: High temperature and high, pressure, Retrieval buffer: Tris/EDTA buffer, pH9.0, Primary Ab Dilution: 1:2000, Primary Ab incubation condition: 1 hour at room temperature, Secondary Ab: Anti-Rabbit and Mouse Polymer, HRP (Ready to use), Counter stain: Hematoxylin (Blue), Comment: Color brown is the positive signal for orb1152070.

**Biorbyt Ltd.**

7 Signet Court, Swann Road  
Cambridge  
CB5 8LA  
United Kingdom

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

**Biorbyt LLC**

68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713-2847  
United States

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)