

## Product Datasheet

# Acetyl-Histone H3 (Lys18) Mouse Monoclonal Antibody (orb1172499)

<b>Catalog Number</b>	orb1172499
<b>Category</b>	Antibodies
<b>Description</b>	Acetyl-Histone H3 (Lys18) Mouse Monoclonal Antibody
<b>Target</b>	H3C1
<b>Clonality</b>	Monoclonal
<b>Species/Host</b>	Mouse
<b>Isotype</b>	IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<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>	Antigen affinity purification
<b>MW</b>	17 kDa
<b>Tested applications</b>	ChIP, ICC, IF, IHC-Fr, IHC-P, WB

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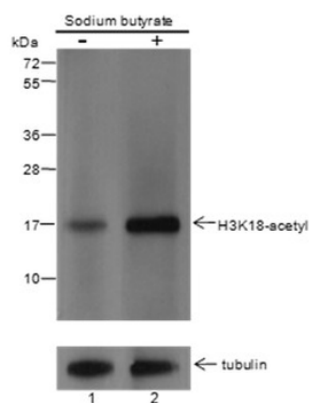
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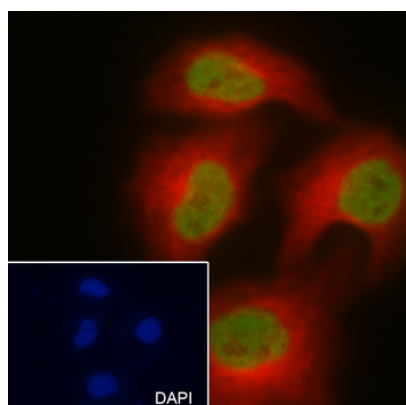
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<b>Dilution range</b>	WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, ICC/IF=1:50-200, IF=1:100-500, ChIP=1:50
<b>Antibody Type</b>	Primary Antibody
<b>Clone Number</b>	BJ1C4
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long 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-Mouse IgG H&L (HRP), Lysate: (-) HeLa, (+) HeLa + Sodium butyrate (30mM, 4hr), Protein loading quantity: 20 µg, Exposure time: 60 s, Predicted MW: 17 kDa, Observed MW: 17 kDa.



Cell line: HeLa, Fixative: 4% Paraformaldehyde, Permeabilization: 0.1% TritonX-100, Primary ab Dilution: 1:200, Primary incubation condition: 4°C overnight, Secondary ab: Goat Anti-Mouse IgG, Nuclear counter stain: DAPI (Blue), Counter stain: Tubulin (Red), Comment: Color green is the positive signal for orb1172499.

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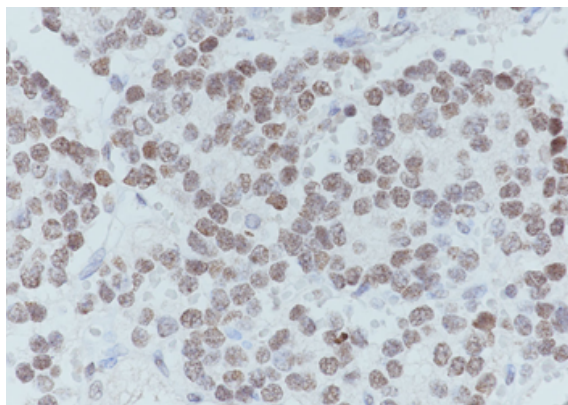
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Tissue: Human neuroblastoma, Section type: Formalin fixed & Paraffin-embedded section, Retrieval method: High temperature and high pressure, Retrieval buffer: Tris/EDTA buffer, pH9.0  
Primary ab Dilution: 1:200, Primary ab incubation condition: 1 hour at room temperature, Secondary ab: SP Kit (Mouse),  
Counter stain: Hematoxylin (Blue), Comment: Color brown is the positive signal for orb1172499.

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