

## Product Datasheet

# Di-Methyl-Histone H3 (Lys79) Recombinant Mouse Monoclonal Antibody (orb1172523)

<b>Catalog Number</b>	orb1172523
<b>Category</b>	Antibodies
<b>Description</b>	Di-Methyl-Histone H3 (Lys79) Recombinant Mouse Monoclonal Antibody
<b>Target</b>	H3C1
<b>Clonality</b>	Recombinant
<b>Species/Host</b>	Mouse
<b>Isotype</b>	IgG1, Kappa
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse, Rat
<b>Predicted Reactivity</b>	Human, 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 G
<b>Tested applications</b>	ICC, IF, IHC-Fr, IHC-P, WB
<b>Dilution range</b>	WB=1:500-1000, IHC-P=1:100-500, IHC-F=1:100-500, ICC/IF=1:50-100, IF=1:100-500

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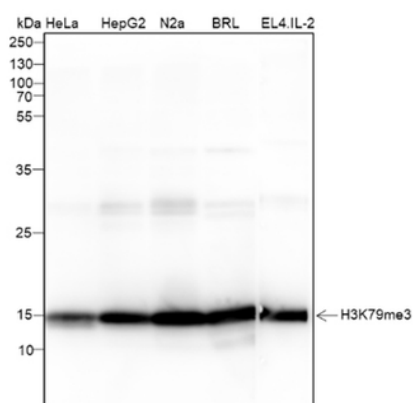
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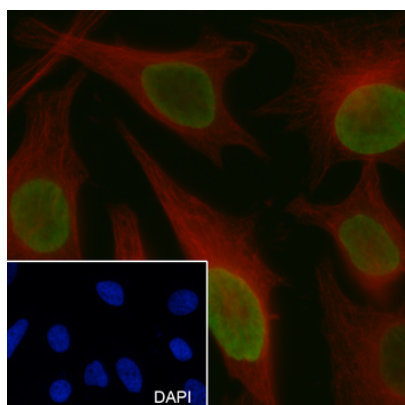
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<b>Antibody Type</b>	Primary Antibody
<b>Clone Number</b>	B10A4
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



Blocking buffer: 5% NFDM/TBST, Primary Ab Dilution: 1:1000, Primary Ab incubation condition: 4°C overnight, Secondary Ab: Goat Anti-Mouse IgG H&L (HRP), Lysate: HeLa, HepG2, Neuro-2a, BRL, EL4.IL-2, Protein loading quantity: 20 µg, Exposure time: 3 s, Predicted MW: 15 kDa, Observed MW: 15 kDa.



Cell line: HeLa, Fixative: 4% Paraformaldehyde, Permeabilization: 0.1% TritonX-100, Primary Ab Dilution: 1:100, 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 orb1172523.

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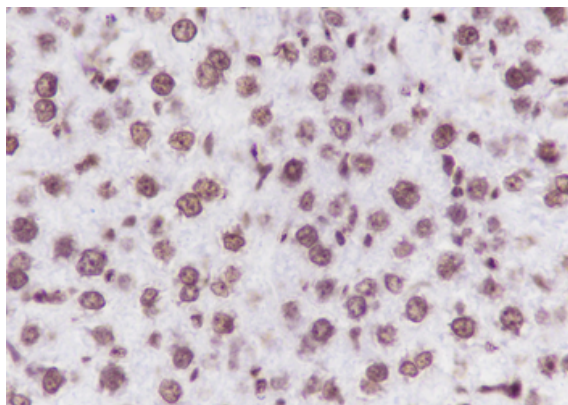
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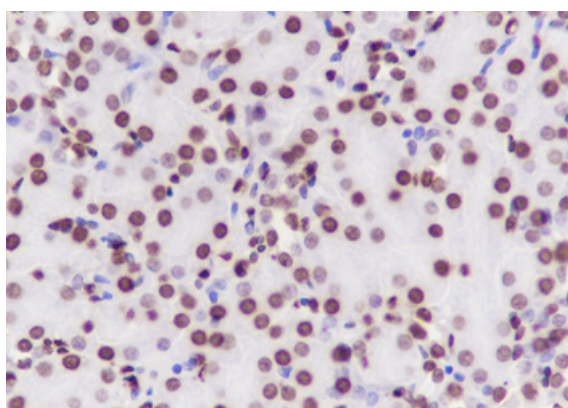
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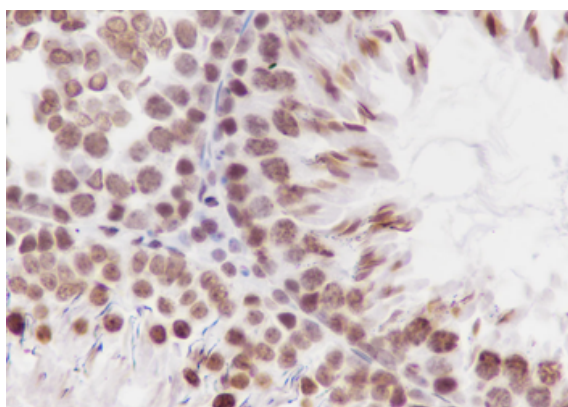
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Tissue: Human liver, Section type: Formalin fixed & Paraffin-embedded section, Retrieval method: High temperature and high pressure, Retrieval buffer: Tris/EDTA buffer, pH9.0 Primary Ab Dilution: 1:100, Primary Ab incubation condition: 1 hour at room temperature, Secondary Ab: SP Kit (Mouse), Counter stain: Hematoxylin (Blue), Comment: Color brown is the positive signal for orb1172523.



Tissue: Mouse kidney, Section type: Formalin fixed & Paraffin-embedded section, Retrieval method: High temperature and high pressure, Retrieval buffer: Tris/EDTA buffer, pH9.0 Primary Ab Dilution: 1:100, 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 orb1172523.



Tissue: Rat testis, Section type: Formalin fixed & Paraffin-embedded section, Retrieval method: High temperature and high pressure, Retrieval buffer: Tris/EDTA buffer, pH9.0 Primary Ab Dilution: 1:100, 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 orb1172523.

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