

Product Datasheet

Mono-Methyl-Histone H4 (Lys12) Recombinant Rabbit Monoclonal Antibody (orb1172948)

Catalog Number	orb1172948
Category	Antibodies
Description	Mono-Methyl-Histone H4 (Lys12) Recombinant Rabbit Monoclonal Antibody
Target	H4C1
Clonality	Recombinant
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Predicted Reactivity	Human, Mouse, Rat
Form/Appearance	Liquid
Concentration	1mg/ml
Buffer/Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Purification	Affinity purified by Protein A
Tested applications	ChIP, FC, ICC, IF, IHC-Fr, IHC-P, IP, WB
Dilution range	WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, ICC/IF=1:100-500, IF=1:100-500, Flow-Cyt=1:50-100, IP=1:25-1:50, ChIP=6 ug/5x10 ⁶ cells

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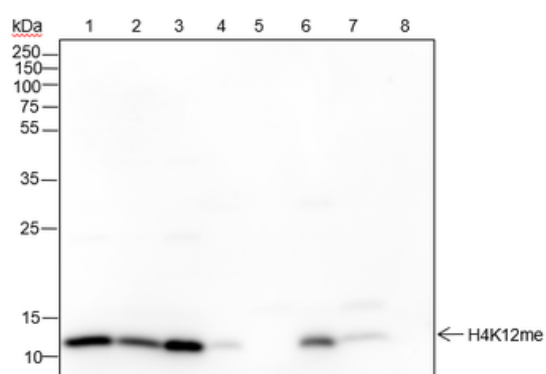
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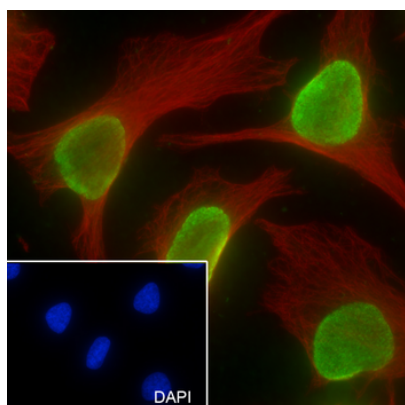
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Antibody Type	Primary Antibody
Clone Number	BD33G6
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months 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: 1. HeLa, 2. NIH-3T3, 3. BRL, 4. Mouse heart, 5. Rat heart, 6. Mouse kidney, 7. Rat kidney, 8. Recombinant Histone H4, Protein loading quantity: 20 µg, Exposure time: 30 s, Predicted MW: 11 kDa, Observed MW: 11 kDa.



Cell line: HeLa, Fixative: 100% Ice-cold methanol, Permeabilization: 0.1% TritonX-100, Primary ab Dilution: 1:50, Primary incubation condition: 4°C overnight, Secondary ab: Goat Anti-Rabbit IgG, Nuclear counter stain: DAPI (Blue), Counter stain: Tubulin (Red), Comment: Color green is the positive signal for orb1172948.

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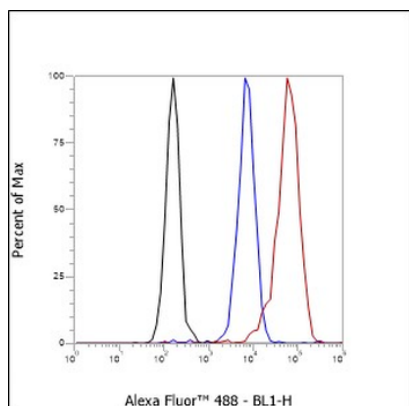
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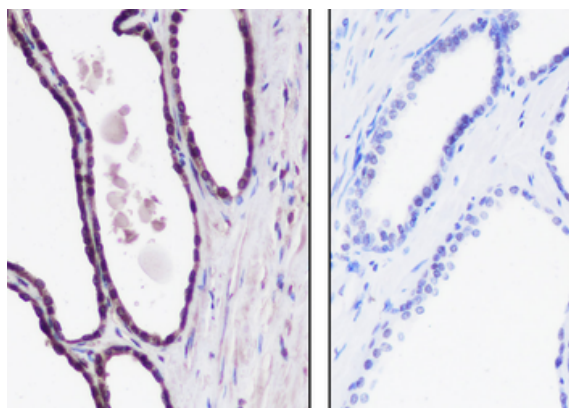
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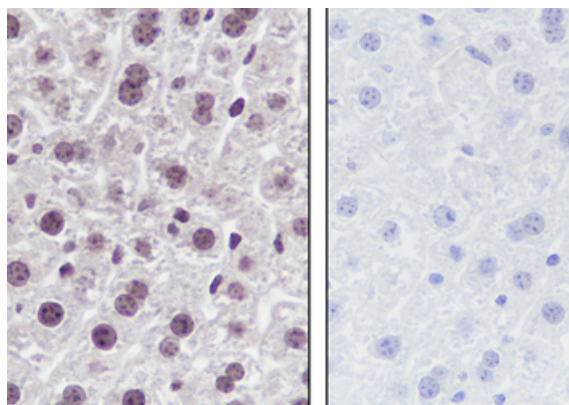
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Cell line: HeLa, Fixative: 4% Paraformaldehyde, Permeabilization: 0.1% TritonX-100, Primary ab Dilution: 1:50, Secondary ab: Goat anti Rabbit IgG, Unlabelled control: The cell without incubation with primary antibody and secondary antibody (Black line). Isotype control: Rabbit monoclonal IgG (Blue line). Comment: Line red is the positive signal for orb1172948.



Tissue: Human prostate hyperplasia, Section type: Formalin fixed & Paraffin-embedded section, Retrieval method: High temperature and high pressure, Retrieval buffer: Tris/EDTA buffer, pH9.0, Primary ab Dilution: 1:500, Primary ab incubation condition: 1 hour at room temperature, Secondary ab: SP Kit (Rabbit), Counter stain: Hematoxylin (Blue), Comment: Color brown is the positive signal for orb1172948.



Tissue: Mouse 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: 1:500, Primary ab incubation condition: 1 hour at room temperature, Secondary ab: SP Kit (Rabbit), Counter stain: Hematoxylin (Blue), Comment: Color brown is the positive signal for orb1172948.

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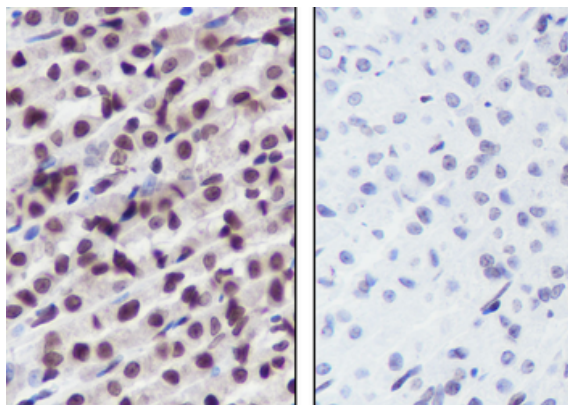
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Tissue: Rat stomach, Section type: Formalin fixed & Paraffin-embedded section, Retrieval method: High temperature and high pressure, Retrieval buffer: Tris/EDTA buffer, pH9.0, Primary ab Dilution: 1:500, Primary ab incubation condition: 1 hour at room temperature, Secondary ab: SP Kit (Rabbit), Counter stain: Hematoxylin (Blue), Comment: Color brown is the positive signal for orb1172948.

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