

Product Datasheet

Mono/Di-Methyl-Histone H3 (Lys79) Recombinant Rabbit Monoclonal Antibody (orb1172946)

Catalog Number	orb1172946
Category	Antibodies
Description	Mono/Di-Methyl-Histone H3 (Lys79) Recombinant Rabbit Monoclonal Antibody
Target	H3C1
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	FC, ICC, IF, IHC-Fr, IHC-P, WB
Dilution range	WB=1:1000-5000, IHC-P=1:100-500, IHC-F=1:100-500, ICC/IF=1:100-500, IF=1:100-500, Flow-Cyt=1:50-200

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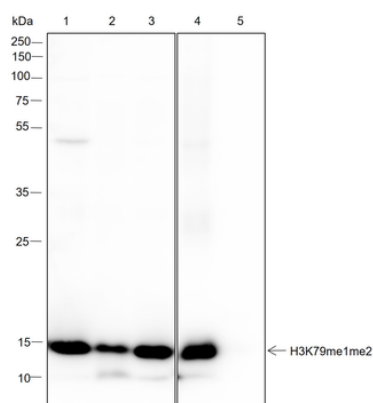
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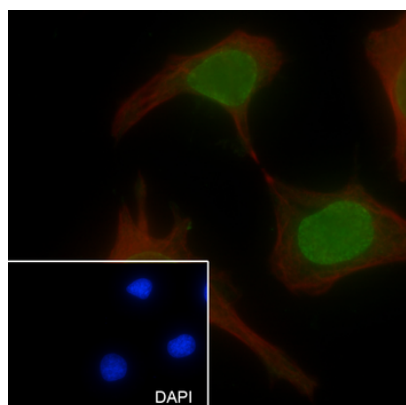
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Antibody Type	Primary Antibody
Clone Number	G1C6
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Blocking buffer: 5% NFDM/TBST, Primary ab Dilution: 1:5000, 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 brain, 5: Recombinant histone H3 (20ng), Protein loading quantity: 20 µg, Exposure time: 10 s, Predicted MW: 15 kDa, Observed MW: 15 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 orb1172946.

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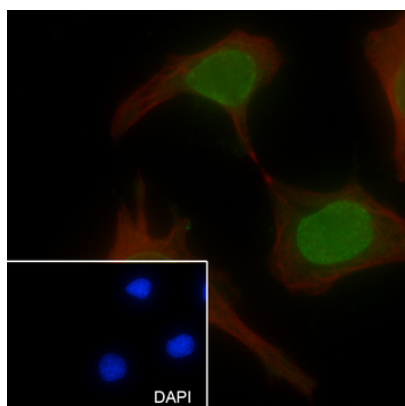
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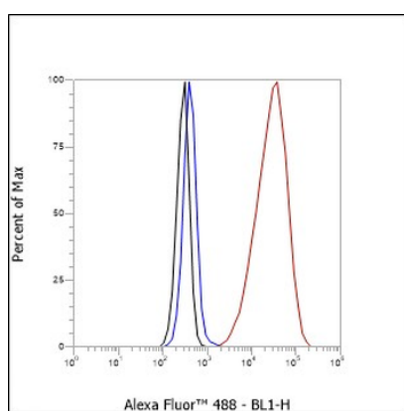
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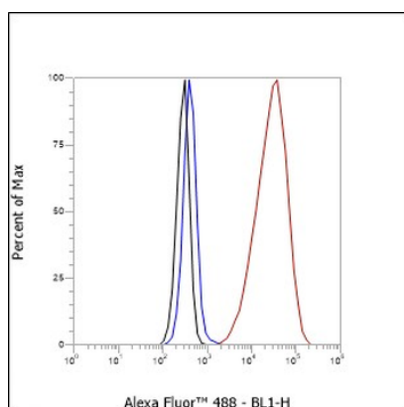
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Permeabilization: 0.1% TritonX-100, Primary ab Dilution: 1:50,
Primary incubation condition: 4°C overnight, Secondary ab:
Goat Anti-Rabbit IgG, Nuclear counter stain: DAPI (Blue),
Counter stain: Tubulin (Red), Comment: Color green is the
positive signal for orb1172946.



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
orb1172946.



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
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(Blue line). Comment: Line red is the positive signal for
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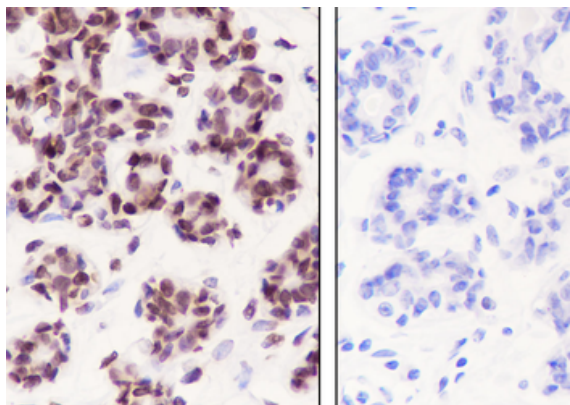
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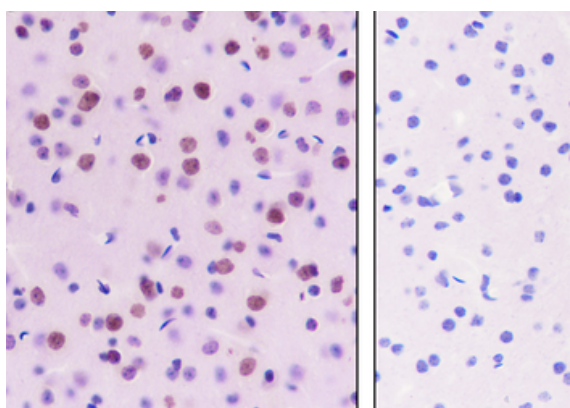
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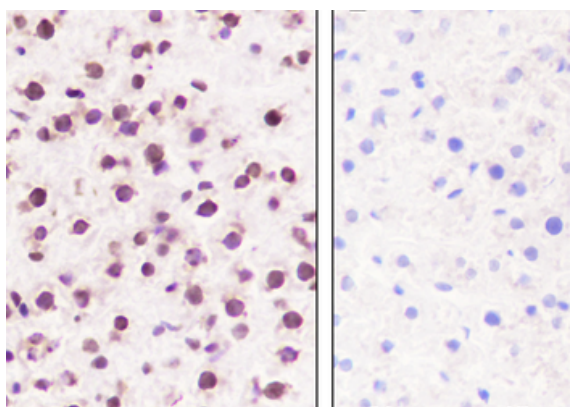
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Tissue: Human breast, Section type: Formalin fixed & Paraffin-embedded section, Retrieval method: High temperature and high pressure, Retrieval buffer: Tris/EDTA buffer, pH9.0 Primary ab Dilution: 1:1000, Primary ab incubation condition: 1 hour at room temperature, Secondary ab: SP Kit (Rabbit), Counter stain: Hematoxylin (Blue), Comment: Color brown is the positive signal for orb1172946.



Tissue: Mouse cerebrum, Section type: Formalin fixed & Paraffin-embedded section, Retrieval method: High temperature and high pressure, Retrieval buffer: Tris/EDTA buffer, pH9.0 Primary ab Dilution: 1:1000, 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 orb1172946.



Tissue: Rat 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: 1:1000, 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 orb1172946.

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