

## Product Datasheet

# Heme Oxygenase 1 Recombinant Rabbit Monoclonal Antibody (orb1727946)

<b>Description</b>	Heme Oxygenase 1 Recombinant Rabbit Monoclonal Antibody
<b>Species/Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat
<b>Conjugation</b>	Unconjugated
<b>Tested Applications</b>	FC, ICC, IF, IHC-Fr, IHC-P, WB
<b>Immunogen</b>	KLH conjugated synthetic peptide derived from human Heme Oxygenase 1
<b>Target</b>	HMOX1
<b>Preservatives</b>	PBS, Glycerol, rAlbumin.
<b>Form/Appearance</b>	Liquid
<b>Concentration</b>	1mg/ml
<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>Isotype</b>	IgG
<b>Clonality</b>	Recombinant
<b>MW</b>	32 kDa
<b>Uniprot ID</b>	<b>P09601</b>
<b>Dilution Range</b>	WB=1:2000-20000, IHC-P=1:100-500, IHC-F=1:100-500, ICC/IF=1:50-200, IF=1:100-500, Flow-Cyt=1:50-100

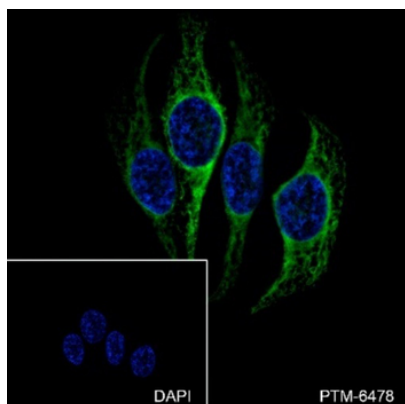
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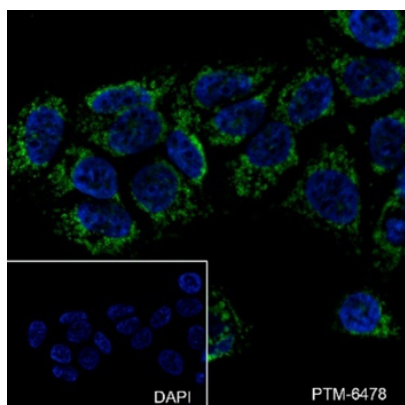
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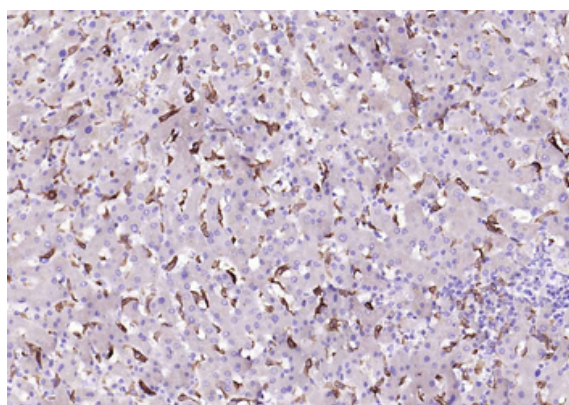
**Expiration Date** 12 months from date of receipt.



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), Comment: Color green is the positive signal for orb1727946.



Cell line: MCF7, 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), Comment: Color green is the positive signal for orb1727946.



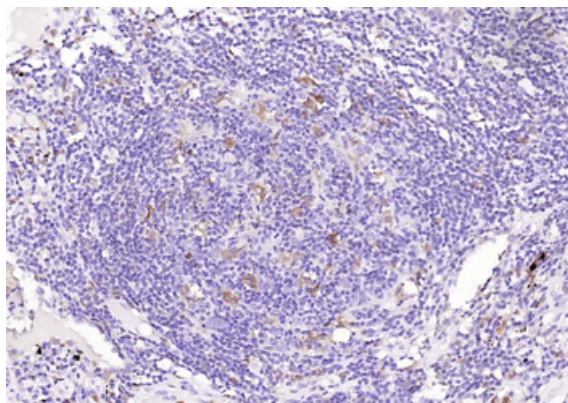
Paraformaldehyde-fixed, paraffin embedded (human liver), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Incubation with (Heme Oxygenase 1) Monoclonal Antibody, Unconjugated (orb1727946) at 1:1000 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

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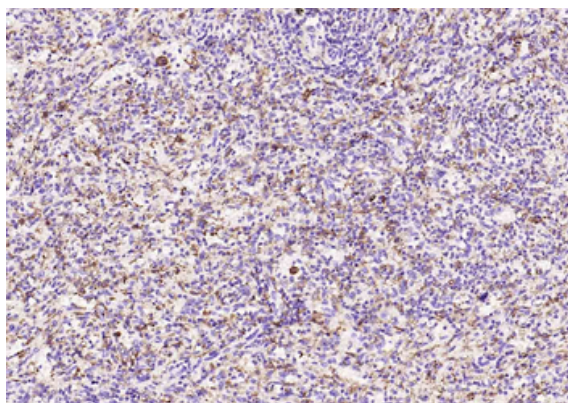
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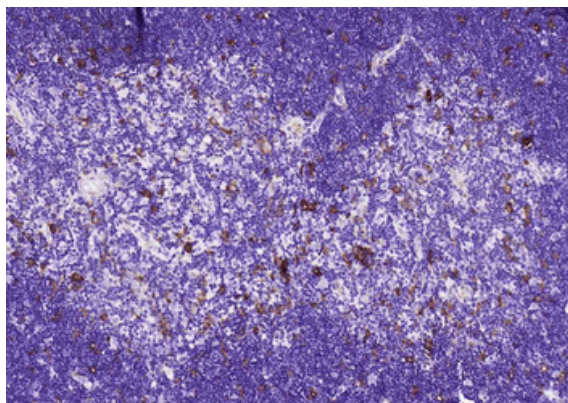
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Paraformaldehyde-fixed, paraffin embedded (human lung carcinoma), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Incubation with (Heme Oxygenase 1) Monoclonal Antibody, Unconjugated (orb1727946) at 1:1000 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human spleen), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Incubation with (Heme Oxygenase 1) Monoclonal Antibody, Unconjugated (orb1727946) at 1:1000 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



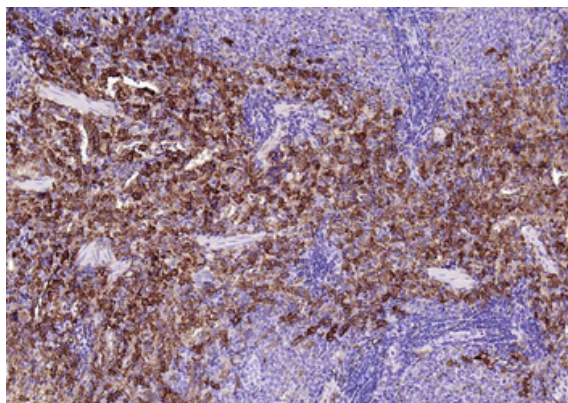
Paraformaldehyde-fixed, paraffin embedded (mouse thymus), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Incubation with (Heme Oxygenase 1) Monoclonal Antibody, Unconjugated (orb1727946) at 1:1000 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

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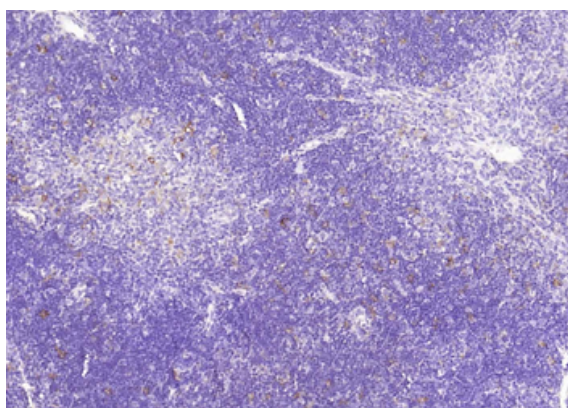
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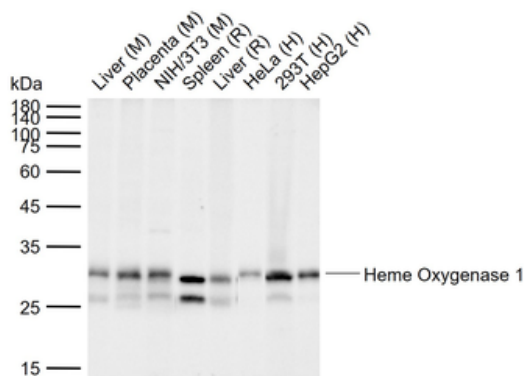
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Paraformaldehyde-fixed, paraffin embedded (rat spleen), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Incubation with (Heme Oxygenase 1) Monoclonal Antibody, Unconjugated (orb1727946) at 1:1000 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat thymus), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Incubation with (Heme Oxygenase 1) Monoclonal Antibody, Unconjugated (orb1727946) at 1:1000 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



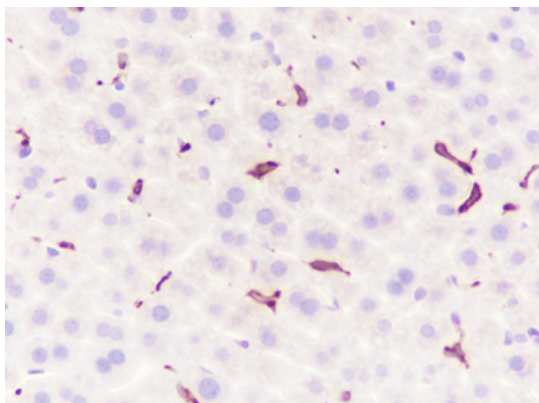
Sample: Lane 1: Mouse Liver tissue lysates, Lane 2: Mouse Placenta tissue lysates, Lane 3: Mouse NIH/3T3 cell lysates, Lane 4: Rat Spleen tissue lysates, Lane 5: Rat Liver tissue lysates, Lane 6: Human HeLa cell lysates, Lane 7: Human 293T cell lysates, Lane 8: Human HepG2 cell lysates, Primary: Anti-Heme Oxygenase 1 (orb1727946) at 1/10000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 32 kDa, Observed band size: 30 kDa.

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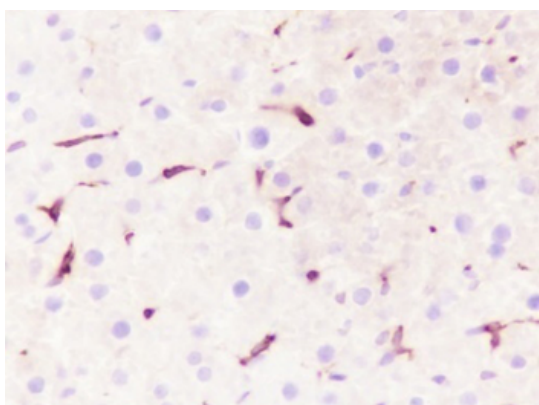
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Tissue: mouse liver, Section type: Formalin-fixed & Paraffinembedded, section, Retrieval method: High temperature and high pressure, Retrieval buffer: Tris/EDTA buffer, pH9.0, Primary Ab Dilution: 1:2000, Primary Ab incubation condition: 1 hour at room temperature, Secondary Ab:SP Kit (Rabbit), Polymer HRP (Ready to use), Counter stain: Hematoxylin (Blue), Comment: Color brown is the positive signal for orb1727946.



Tissue: rat liver, Section type: Formalin-fixed & Paraffinembedded, 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:SP Kit (Rabbit), Polymer HRP (Ready to use), Counter stain: Hematoxylin (Blue), Comment: Color brown is the positive signal for orb1727946.

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