

## Product Datasheet

# CD163 Recombinant Rabbit Monoclonal Antibody (orb612214)

<b>Catalog Number</b>	orb612214
<b>Category</b>	Antibodies
<b>Description</b>	CD163 Recombinant Rabbit Monoclonal Antibody
<b>Target</b>	CD163
<b>Clonality</b>	Recombinant
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse, Rat
<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>	Affinity purified by Protein A
<b>Immunogen</b>	KLH conjugated synthetic peptide derived from human CD163
<b>UniProt ID</b>	<b>Q86VB7</b>
<b>MW</b>	170 kDa

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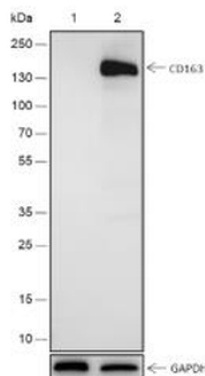
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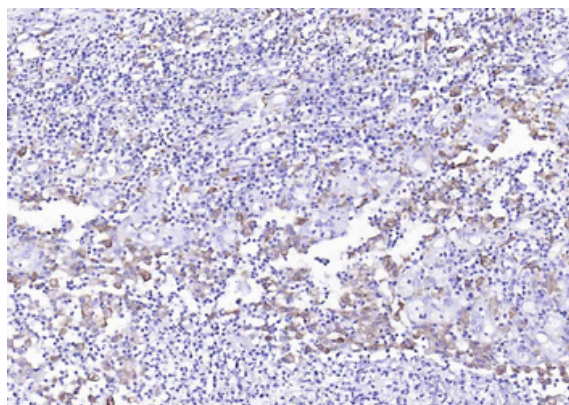
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<b>Tested applications</b>	IF, IHC-Fr, IHC-P, WB
<b>Dilution range</b>	WB=1:500-2000, IHC-P=1:200-800, IHC-F=1:200-800, IF=1:200-800
<b>Antibody Type</b>	Primary Antibody
<b>Clone Number</b>	B013
<b>Storage</b>	Maintain refrigerated at 2-8°C for up 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: 1:5000, Primary Ab incubation condition: 2 hours at room temperature, Secondary Ab: Goat Anti-Rabbit IgG H&L (HRP), Lysate: 1: THP-1 (Negative control), 2: Human, liver, Protein loading quantity: 20 µg, Exposure time: 60 s, Predicted MW: 121 kDa, Observed MW: 150 kDa.



Paraformaldehyde-fixed, paraffin embedded (human colon 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, Antibody incubation with (CD163) Monoclonal Antibody, Unconjugated (orb612214) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

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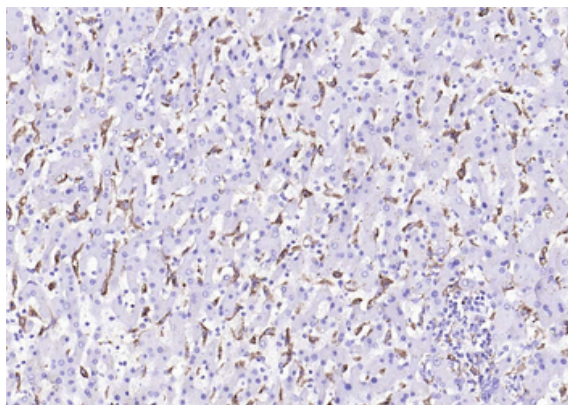
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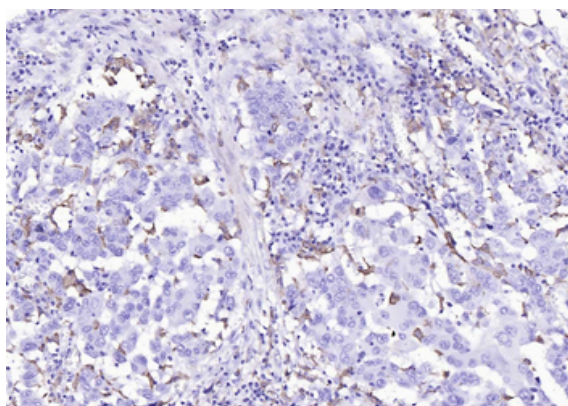
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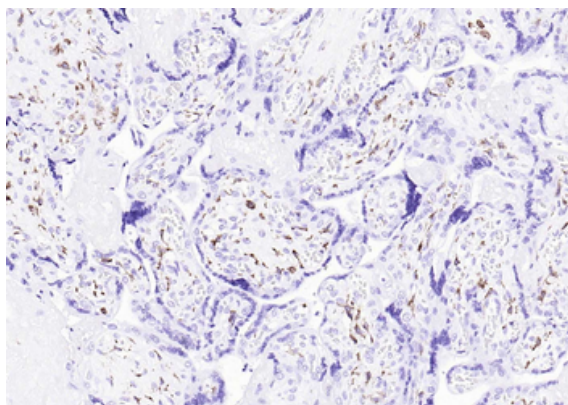
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Paraformaldehyde-fixed, paraffin embedded (human liver), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (CD163) Monoclonal Antibody, Unconjugated (orb612214) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



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, Antibody incubation with (CD163) Monoclonal Antibody, Unconjugated (orb612214) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Human placenta), 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, Antibody incubation with (CD163) Monoclonal Antibody, Unconjugated (orb612214) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

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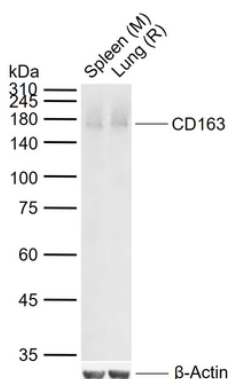
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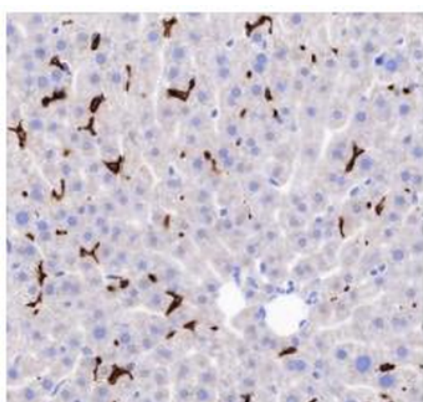
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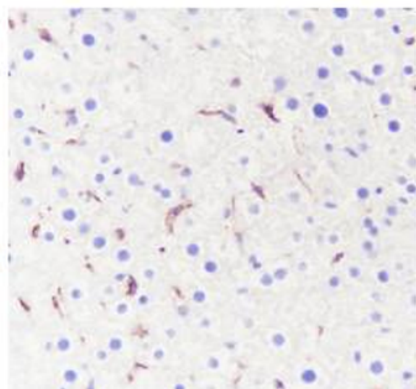
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Sample: Lane 1: Mouse Spleen tissue lysates, Lane 2: Rat Lung tissue lysates, Primary: Anti-CD163 (orb612214) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 130 kDa, Observed band size: 170 kDa.



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: Anti-Rabbit and Mouse, Polymer HRP (Ready to use), Counter stain: Hematoxylin (Blue), Comment: Color brown is the positive signal for orb612214.



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: 1:500, Primary Ab incubation condition: 1 hour at room temperature, Secondary Ab: Anti-Rabbit and Mouse, Polymer HRP (Ready to use), Counter stain: Hematoxylin (Blue), Comment: Color brown is the positive signal for orb612214.

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