

Product Datasheet

CD14 Recombinant Rabbit Monoclonal Antibody (orb608064)

Catalog Number	orb608064
Category	Antibodies
Description	CD14 Recombinant Rabbit Monoclonal Antibody
Target	CD14
Clonality	Recombinant
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human
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
Immunogen	Recombinant human CD14 protein
UniProt ID	P08571
MW	47 kDa
Tested applications	IF, IHC-Fr, IHC-P, WB

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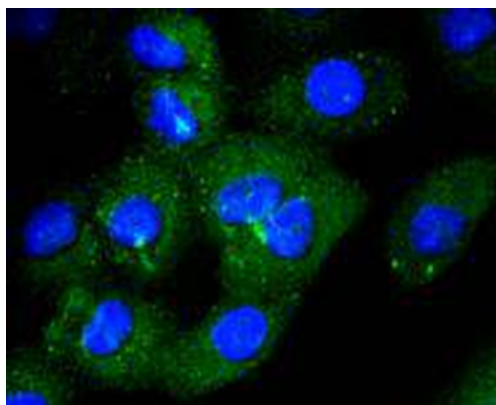
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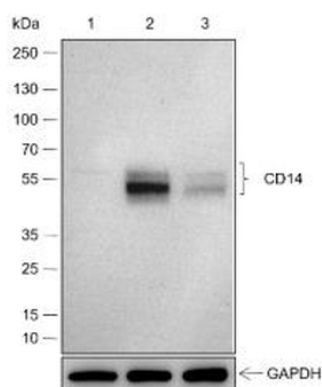
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Dilution range	WB=1:500-1000, IHC-P=1:200-1000, IHC-F=1:200-1000, IF=1:200-1000
Antibody Type	Primary Antibody
Clone Number	B5316
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



A549 cell, 4% Paraformaldehyde-fixed, Triton X-100 at room temperature for 20 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Antibody incubation with (CD14) monoclonal Antibody, Unconjugated (orb608064) 1:50, 90 minutes at 37°C, followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue) was used to stain the cell nuclei.



Blocking buffer: 5% NFDM/TBST, Primary Ab, dilution: 1:1000, Primary Ab incubation condition: 2 hours at room temperature, Secondary Ab: Goat Anti-Rabbit IgG H&L (HRP), Lysate: 1: HeLa (Negative control), 2: A549, 3: THP-1, Protein loading quantity: 20 µg, Exposure time: 60 s, Predicted MW: 40 kDa, Observed MW: 50-55 kDa.

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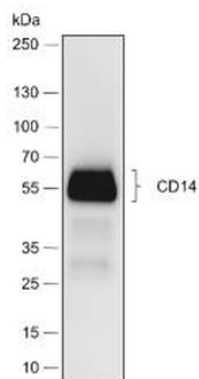
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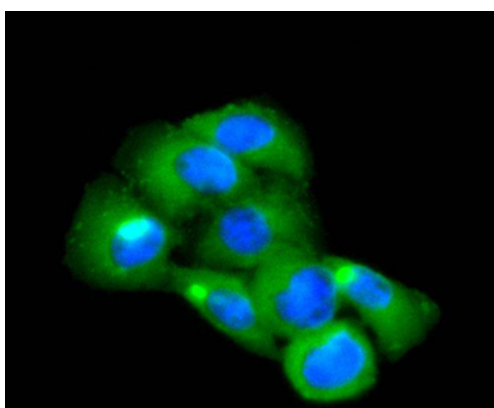
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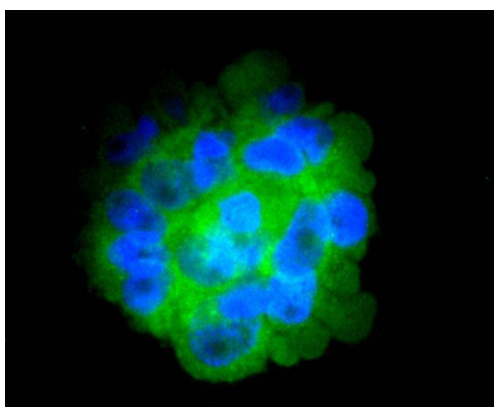
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Blocking buffer: 5% NFD/DM/TBST, Primary Ab, dilution: 1:10000, Primary Ab incubation condition: 2 hours at room temperature, Secondary Ab: Goat Anti-Rabbit IgG H&L (HRP), Lysate: Human PBMC, Protein loading quantity: 20 µg, Exposure time: 60 s, Predicted MW: 40 kDa, Observed MW: 50-55 kDa.



LO2 cell, 4% Paraformaldehyde-fixed, Triton X-100 at room temperature for 20 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Antibody incubation with (CD14) monoclonal Antibody, Unconjugated (orb608064) 1:50, 90 minutes at 37°C, followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue) was used to stain the cell nuclei.



NCCIT cell, 4% Paraformaldehyde-fixed, Triton X-100 at room temperature for 20 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Antibody incubation with (CD14) monoclonal Antibody, Unconjugated (orb608064) 1:50, 90 minutes at 37°C, followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue) was used to stain the cell nuclei.

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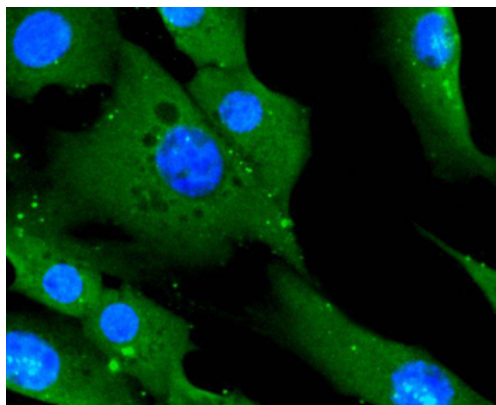
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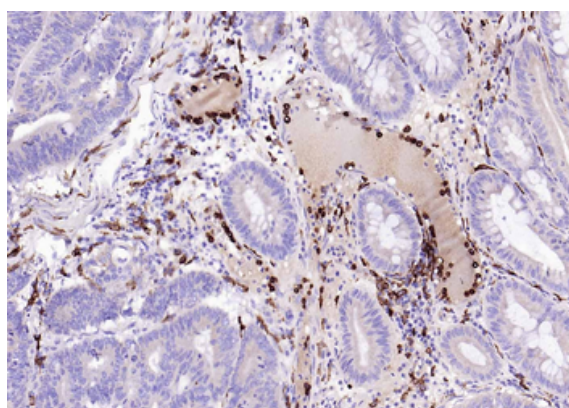
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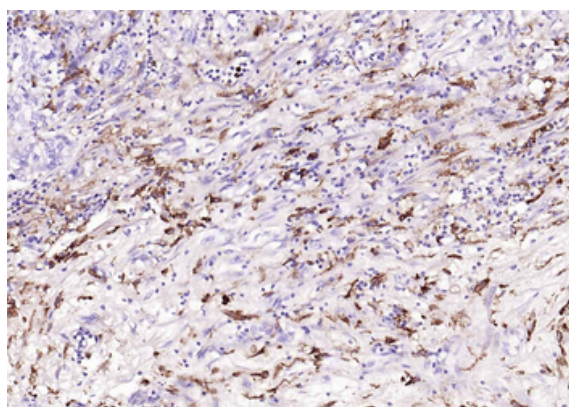
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NIH/3T3 cell, 4% Paraformaldehyde-fixed, Triton X-100 at room temperature for 20 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Antibody incubation with (CD14) monoclonal Antibody, Unconjugated (orb608064) 1:50, 90 minutes at 37°C, followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue) was used to stain the cell nuclei.



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 (CD14) Monoclonal Antibody, Unconjugated (orb608064) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human endometrial 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 (CD14) Monoclonal Antibody, Unconjugated (orb608064) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

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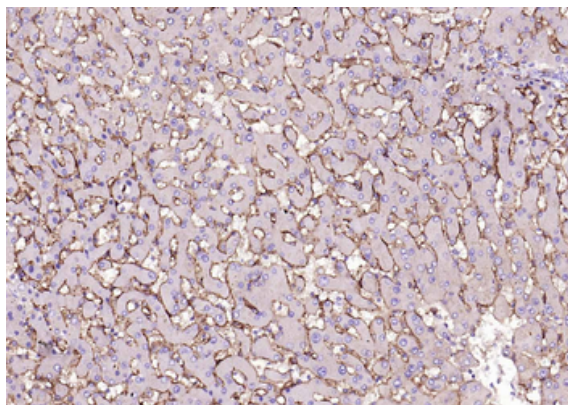
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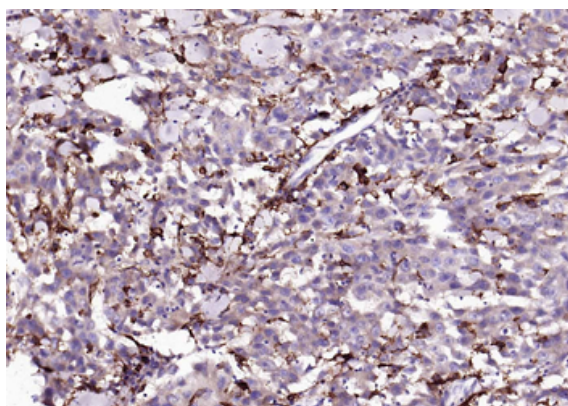
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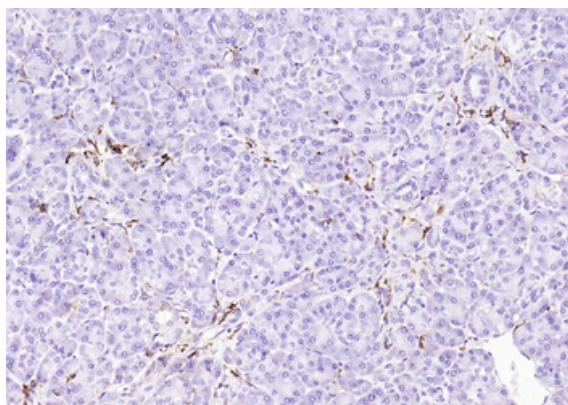
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Paraformaldehyde-fixed, paraffin embedded (human liver), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (CD14) Monoclonal Antibody, Unconjugated (orb608064) 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 (CD14) Monoclonal Antibody, Unconjugated (orb608064) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human pancreatic cancer), 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 (CD14) Monoclonal Antibody, Unconjugated (orb608064) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

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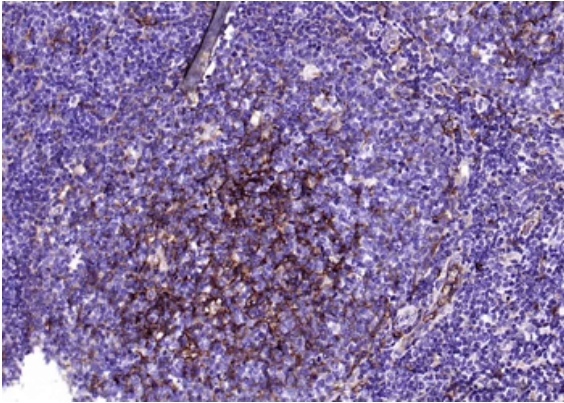
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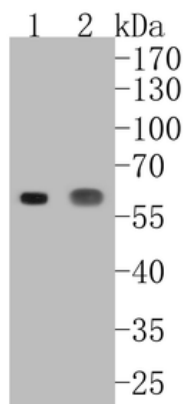
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Paraformaldehyde-fixed, paraffin embedded (human tonsil), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (CD14) Monoclonal Antibody, Unconjugated (orb608064) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Sample: Lane 1: human liver tissue lysate, Lane 2: SW480 cell lysate, Primary: Anti-CD14 (orb608064) at 1:500 dilution, Secondary: Goat Anti-Rabbit IgG - HRP at 1:5000 dilution, Predicted band size: 52-55 kD, Observed band size: 60 kD.

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