

Product Datasheet

CD16 Rabbit Polyclonal Antibody (orb101668)

Catalog Number	orb101668
Category	Antibodies
Description	CD16 Rabbit Polyclonal Antibody
Target	FCGR3A
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Predicted Reactivity	Bovine, Porcine, Rabbit, Sheep
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	KLH conjugated synthetic peptide derived from human IGFR3/CD16 (131-230/254aa)
UniProt ID	P08637
MW	27 kDa

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Cambridge
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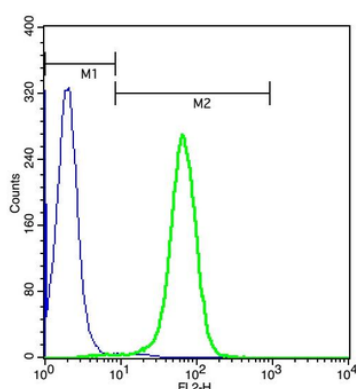
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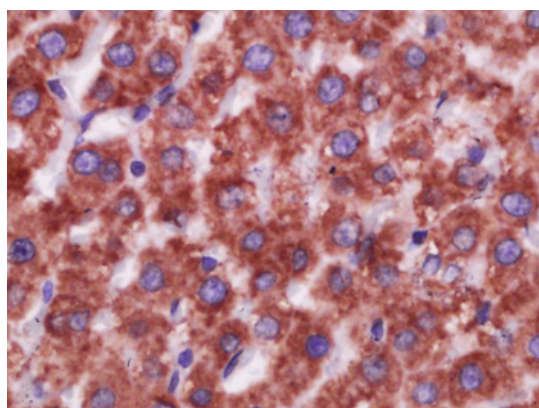
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Tested applications	WB
Dilution range	WB=1:500-1000
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only



Cell: U937 (4% Paraformaldehyde fixed for 10 minutes, 2% BSA at 4°C blocked for 30 minutes). Concentration: 1:100, Incubation: 40 minutes. Flow cytometric analysis of Rabbit Anti-CD16 antibody (orb101668) (green) compared with control in the absence of primary antibody (blue) followed by U937. Secondary antibody: Goat Anti-rabbit IgG/PE antibody.



Paraformaldehyde-fixed, paraffin embedded (Rat 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 (CD16) Polyclonal Antibody, Unconjugated (orb101668) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

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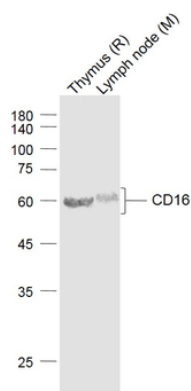
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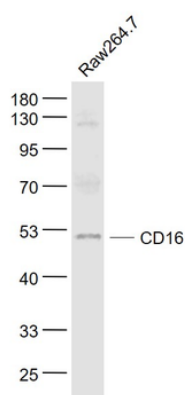
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Sample: Lane 1: Thymus (Rat) Lysate at 40 ug, Lane 2: Lymph node (Mouse) Lysate at 40 ug, Primary: Anti-CD16 (orb101668) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 55 kD, Observed band size: 60 kD.



Sample: Raw264.7 (Mouse) Cell Lysate at 30 ug, Primary: Anti-CD16 (orb101668) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 27 kD, Observed band size: 50 kD.

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