

Product Datasheet

CD47 Rabbit Polyclonal Antibody (orb4838)

Catalog Number	orb4838
Category	Antibodies
Description	CD47 Rabbit Polyclonal Antibody
Target	CD47
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Predicted Reactivity	Rabbit
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 CD47/MER6 (241-323/323aa)
UniProt ID	Q08722
RRID	AB_10923570

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

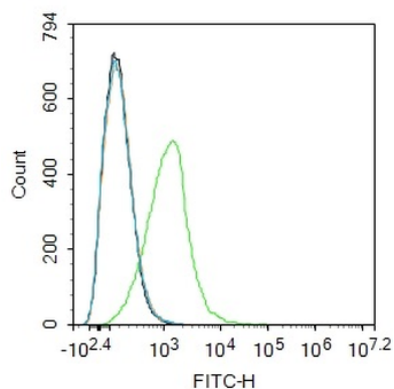
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

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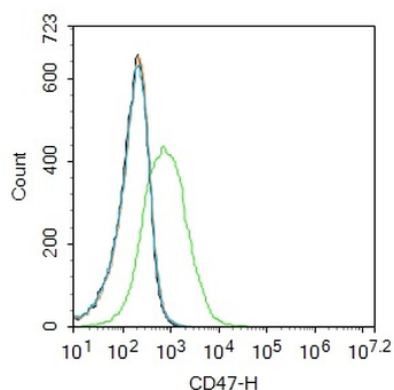
68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States

Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

MW	47 kDa
Tested applications	FC, WB
Dilution range	WB=1:500-2000, Flow-Cyt=2µg/Test
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
Expiration Date	12 months from date of receipt.



Blank control: MCF-7. Primary Antibody (green line): Rabbit Anti-CD47 antibody (orb4838), dilution: 2 ug/Test, Secondary Antibody: Goat anti-rabbit IgG-FITC, dilution: 0.5 ug/Test. Protocol, The cells were incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20000 events was performed.



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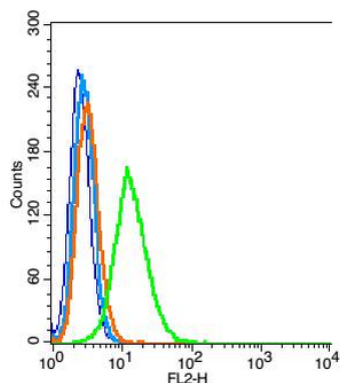
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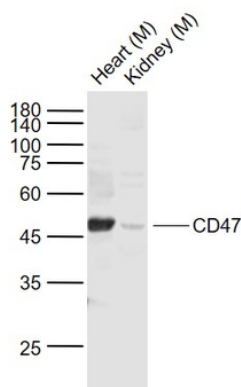
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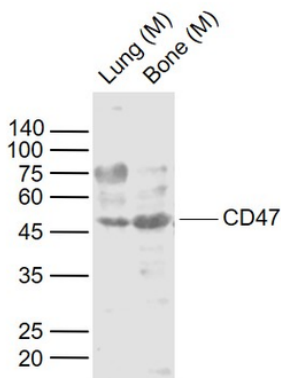
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Blank control: RSC96 (blue), the cells were fixed with 2% paraformaldehyde (10 min). Isotype Control Antibody: Rabbit IgG (orange), Secondary Antibody: Goat anti-rabbit IgG-FITC (white blue), dilution: 1:100 in 1X PBS containing 0.5% BSA, Primary Antibody, dilution: 1 µg in 100 µl 1X PBS containing 0.5% BSA (green).



Sample: Lane 1: Heart (Mouse) Lysate at 40 ug, Lane 2: Kidney (Mouse) Lysate at 40 ug, Primary: Anti-CD47 (orb4838) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 47 kD, Observed band size: 47 kD.



Sample: Lane 1: Lung (Mouse) Lysate at 30 ug, Lane 2: Bone (Mouse) Lysate at 30 ug, Primary: Anti-CD47 (orb4838) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 47 kD, Observed band size: 47 kD.

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