

## Product Datasheet

### CD46 Rabbit Polyclonal Antibody (orb10329)

<b>Catalog Number</b>	orb10329
<b>Category</b>	Antibodies
<b>Description</b>	CD46 Rabbit Polyclonal Antibody
<b>Target</b>	CD46
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse
<b>Predicted Reactivity</b>	Mouse
<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 CD46 (251-355/355aa)
<b>UniProt ID</b>	<b>P15529</b>
<b>RRID</b>	AB_10751693
<b>MW</b>	43 kDa

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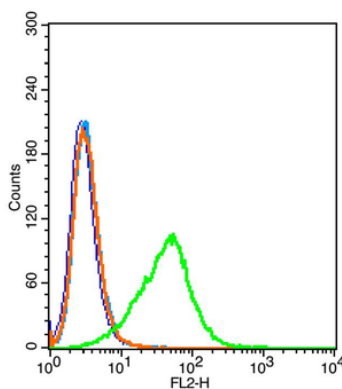
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<b>Tested applications</b>	FC, IF, IHC-Fr, IHC-P, WB
<b>Dilution range</b>	WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500, Flow-Cyt=1µg /test
<b>Antibody Type</b>	Primary Antibody
<b>Storage</b>	Maintain refrigerated at 2-8°C for up 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.



Blank control: 293T (blue). Primary Antibody: Rabbit Anti-CD46 antibody (orb10329), Dilution: 1 µg in 100 µl 1X PBS containing 0.5% BSA (green), Isotype Control Antibody: Rabbit IgG (orange), used under the same conditions, Secondary Antibody: Goat anti-rabbit IgG-PE (white blue), Dilution: 1:200 in 1 X PBS containing 0.5% BSA. protocol, The cells were washed twice with phosphate-buffered saline (PBS). The cells were then incubated in 1 X PBS containing 0.5% BSA + 10% goat serum (15 min) to block non-specific protein-protein interactions followed by the antibody (orb10329, 1 µg/1x10<sup>6</sup> cells) for 30 min on ice. The secondary antibody used was Goat Anti-rabbit IgG/PE antibody at 1/200 dilution for 30 min on ice. Acquisition of 20000 events was performed.

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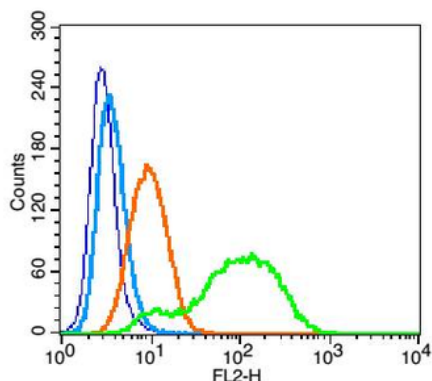
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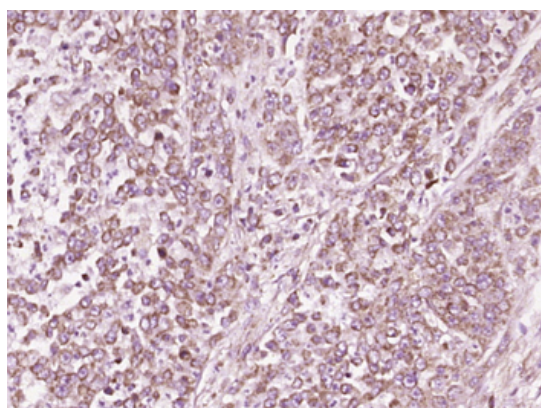
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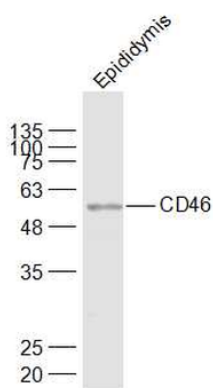
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Blank control: U937 (blue). Primary Antibody: Rabbit Anti-CD46 antibody (orb10329), Dilution: 1  $\mu$ g in 100  $\mu$ L 1X PBS containing 0.5% BSA, Isotype Control Antibody: Rabbit IgG (orange), used under the same conditions, Secondary Antibody: Goat anti-rabbit IgG-PE (white blue), Dilution: 1:200 in 1 X PBS containing 0.5% BSA. Protocol, The cells were fixed with 2% paraformaldehyde (10 min). Primary antibody (orb10329, 1  $\mu$ g/1x10<sup>6</sup> cells) were incubated for 30 min on the ice, followed by 1 X PBS containing 0.5% BSA + 1 0% goat serum (15 min) to block non-specific protein-protein interactions. Then the Goat Anti-rabbit IgG/PE antibody was added into the blocking buffer mentioned above to react with the primary antibody at 1/200 dilution for 30 min on ice. Acquisition of 20000 events was performed.



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 (CD46) Polyclonal Antibody, Unconjugated (orb10329) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Sample: Epididymis (Mouse) Lysate at 40 ug, Primary: Anti-CD46 (orb10329) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 43 kD, Observed band size: 56 kD.

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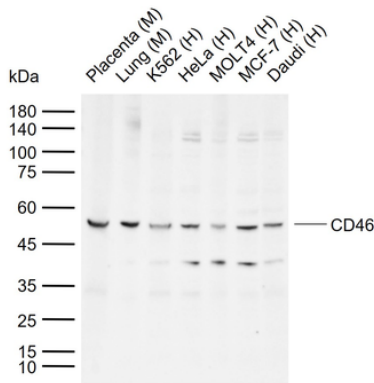
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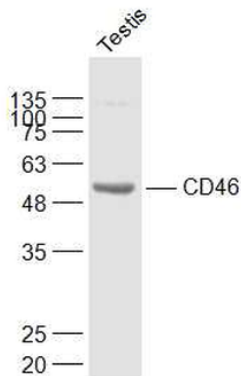
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Sample: Lane 1: Mouse Placenta tissue lysates, Lane 2: Mouse Lung tissue lysates, Lane 3: Human K562 cell lysates, Lane 4: Human HeLa cell lysates, Lane 5: Human MOLT4 cell lysates, Lane 6: Human MCF-7 cell lysates, Lane 7: Human Daudi cell lysates, Primary: Anti-CD46 (orb10329) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 43 kDa, Observed band size: 52 kDa.



Sample: Testis (Mouse) Lysate at 40 ug, Primary: Anti-CD46 (orb10329) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 43 kD, Observed band size: 55 kD.

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