

Product Datasheet

ACE2 Rabbit Polyclonal Antibody (orb638863)

Catalog Number	orb638863
Category	Antibodies
Description	ACE2 Rabbit Polyclonal Antibody
Target	ACE2
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse
Predicted Reactivity	Bovine, Canine, Equine, Gallus, Mammal, Porcine, Rabbit, Rat
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 ACE2 (351-450/805aa)
UniProt ID	Q9BYF1
MW	120 kDa
Tested applications	FC, ICC, WB

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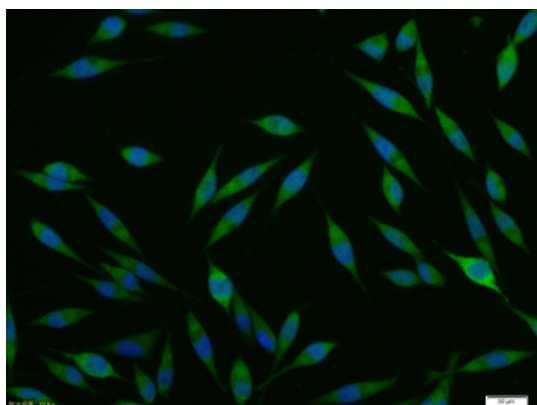
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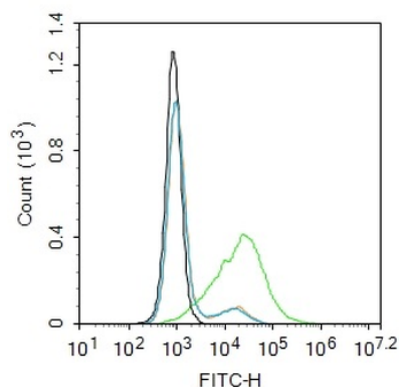
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Dilution range	WB=1:500-2000, ICC/IF=1:100-500, Flow-Cyt=2ug/Test
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



A431 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 (ACE2) polyclonal Antibody, Unconjugated (orb638863) 1:100, 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.



Blank control: HepG2. Primary Antibody (green line): Rabbit Anti-ACE2 antibody (orb638863), dilution: 2 µg/10⁶ cells, Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody: Goat anti-rabbit IgG-AF488, dilution: 1 µg/Test. Protocol, The cells then 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 10000 events was performed.

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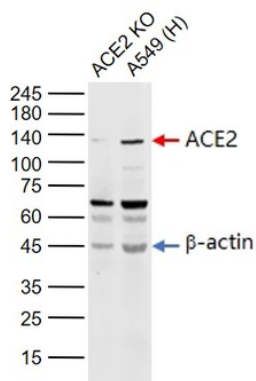
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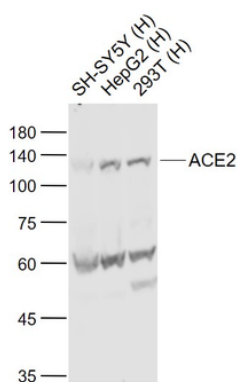
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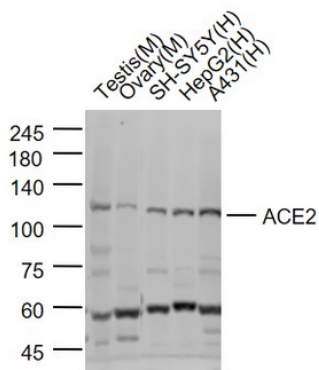
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Sample: Lane 1: ACE2 knockout (KO) A549 Cell Lysate, Lane 2: Human A549 Cell (Control) Lysate, Primary: Anti-ACE2 (orb638863) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 87 kD, Observed band size: 120 kD.



Sample: Lane 1: SH-SY5Y (Human) Cell Lysate at 30 ug, Lane 2: HepG2 (Human) Cell Lysate at 30 ug, Lane 3: 293T (Human) Cell Lysate at 30 ug, Primary: Anti-ACE2 (orb638863) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 120 kD, Observed band size: 120 kD.



Sample: Lane 1: Testis (Mouse) Lysate at 40 ug, Lane 2: Ovary (Mouse) Lysate at 40 ug, Lane 3: SH-SY5Y (Human) Cell Lysate at 30 ug, Lane 4: HepG2 (Human) Cell Lysate at 30 ug, Lane 5: A431 (Human) Cell Lysate at 30 ug, Primary: Anti-ACE2 (orb638863) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 120 kD, Observed band size: 120 kD.

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