

## Product Datasheet

# TTR/Prealbumin Rabbit Polyclonal Antibody (orb11510)

<b>Catalog Number</b>	orb11510
<b>Category</b>	Antibodies
<b>Description</b>	TTR/Prealbumin Rabbit Polyclonal Antibody
<b>Target</b>	TTR
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse, Rat
<b>Predicted Reactivity</b>	Mouse, Rat
<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 Transthyretin (51-147/147aa)
<b>RRID</b>	AB_10752902

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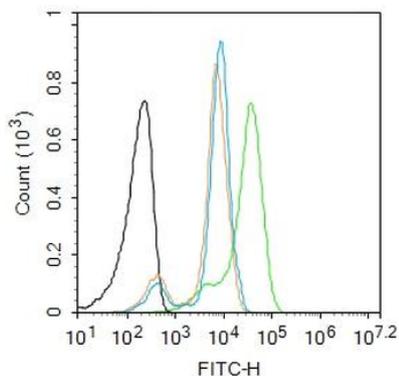
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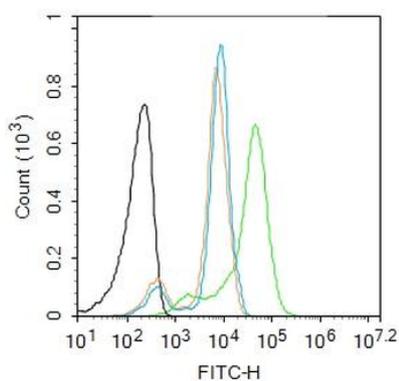
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<b>MW</b>	14 kDa
<b>Tested applications</b>	WB
<b>Dilution range</b>	WB=1:500-2000
<b>Antibody Type</b>	Primary Antibody
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



Blank control: HepG2. Primary Antibody (green line): Rabbit Anti-TTR/Prealbumin antibody, Dilution: 2 µg/10<sup>6</sup> cells, Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody: Goat anti-rabbit IgG-FITC, Dilution: 1 µg/Test. Protocol, The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 0.1% PBST for 20 min at room temperature. The cells were 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 20000 events was performed.



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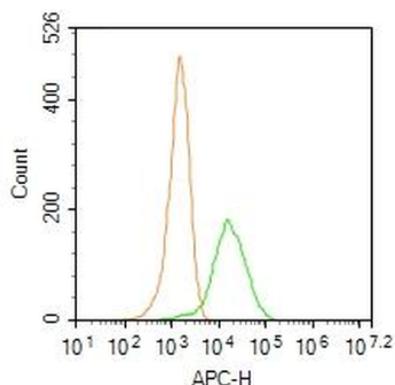
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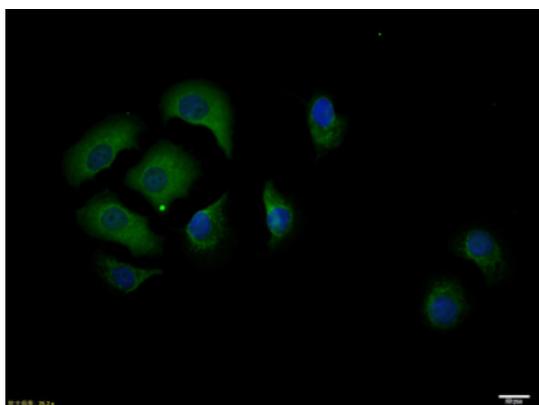
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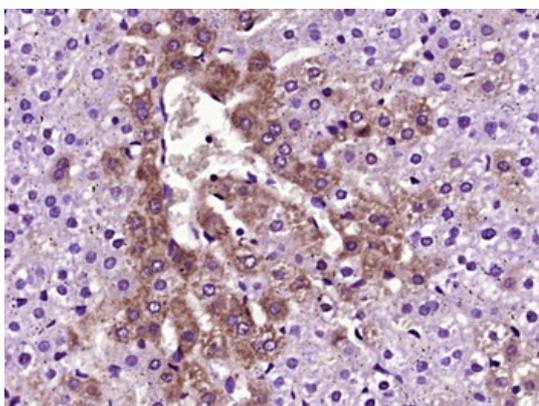
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Blank control: Mouse spleen. Primary Antibody (green line): Rabbit Anti-TTR/Prealbumin /AF647 Conjugated antibody, Dilution: 0.2  $\mu\text{g}/10^6$  cells, Isotype Control Antibody (orange line): Rabbit IgG-AF647. Protocol, The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 0.1% PBST for 20 min at  $-20^\circ\text{C}$ . The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. The cells were stained with Primary Antibody for 30 min at room temperature. Acquisition of 20000 events was performed.



HepG2 cell, 4% Paraformaldehyde-fixed, Triton X-100 at room temperature for 20 min, Blocking buffer (normal goat serum) at  $37^\circ\text{C}$  for 20 min, Antibody incubation with (TTR/Prealbumin) polyclonal Antibody, Unconjugated (orb11510) 1:100, 90 minutes at  $37^\circ\text{C}$ , followed by a conjugated Goat Anti-Rabbit IgG antibody at  $37^\circ\text{C}$  for 90 minutes, DAPI (blue) was used to stain the cell nuclei.



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  $37^\circ\text{C}$  for 30 min, Antibody incubation with (TTR Prealbumin) Polyclonal Antibody, Unconjugated (orb11510) at 1:400 overnight at  $4^\circ\text{C}$ , followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

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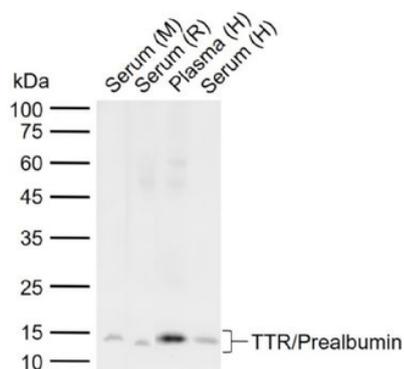
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Sample: Lane 1: Mouse Serum, Lane 2: Rat Serum, Lane 3: Human Plasma, Lane 4: Human Serum, Primary: Anti-TTR/Prealbumin (orb11510) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 14 kDa, Observed band size: 14 kDa.

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