

Anti-Apolipoprotein A-II/APOA2 Antibody (4X421)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	4X421
Purification:	Affinity-chromatography

Applications

1. Western Blot

- Positive WB detected in: 293T whole cell lysate, A549 whole cell lysate
- All lanes: Apolipoprotein A II antibody at 0.87µg/ml
- Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution
- Predicted band size: 12 KDa
- Observed band size: 12 KDa

Verified Activity:

2. IHC image of TMAH-00070 diluted at 1:87.5 and staining in paraffin-embedded human liver tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

3. Overlay histogram showing A549 cells stained with TMAH-00070 (red line) at 1:50. The cells were fixed with 70% Ethylalcohol (18h) and then permeabilized with 0.3% Triton X-100 for 2 min. The cells were then incubated in 1x PBS /10% normal goat serum to block non-specific protein-protein interactions followed by primary antibody for 1 h at 4°C. The secondary antibody used was FITC goat anti-rabbit IgG (H+L) at 1/200 dilution for 1 h at 4°C. Control antibody (green line) was used under the same conditions. Acquisition of >10,000 events was performed.

Application: ELISA,FCM,IHC,WB

Recommended WB:1:500-1:5000; IHC:1:50-1:200.

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: A synthetic peptide: Human APOA2
Antigen Species: Human
Gene ID: 336
Uniprot ID: P02652
Synonyms: Apolipoprotein A-II;Apolipoprotein A-II(1-76);Apo-AII;Apolipoprotein A2;APOA2;ProapoA-II
Biology Area: Cardiovascular

Research Background

May stabilize HDL (high density lipoprotein) structure by its association with lipids, and affect the HDL metabolism.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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