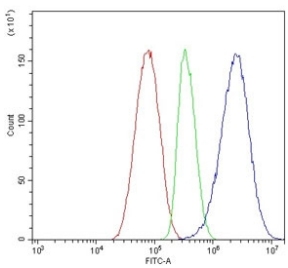
APOA5 Antibody / Apolipoprotein A-V (RQ6367)

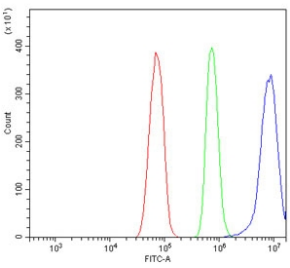
Catalog No.	Formulation	Size
RQ6367	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

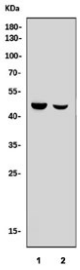
Availability	1-3 business days
Species Reactivity	Human, Rat
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q6Q788
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This APOA5 antibody is available for research use only.



Flow cytometry testing of human HepG2 cells with APOA5 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= APOA5 antibody.



Flow cytometry testing of rat RH35 cells with APOA5 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= APOA5 antibody.



Western blot testing of human 1) Caco-2 and 2) HepG2 cell lysate with APOA5 antibody. Predicted molecular weight: ~41 kDa.

Description

Apolipoprotein A-V is a protein that in humans is encoded by the APOA5 gene. The protein encoded by this gene is an apolipoprotein that plays an important role in regulating the plasma triglyceride levels, a major risk factor for coronary artery disease. It is a component of high density lipoprotein and is highly similar to a rat protein that is upregulated in response to liver injury. Mutations in this gene have been associated with hypertriglyceridemia and hyperlipoproteinemia type 5. This gene is located proximal to the apolipoprotein gene cluster on chromosome 11q23. Alternatively spliced transcript variants encoding the same protein have been identified.

Application Notes

Optimal dilution of the APOA5 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids E99-A217) was used as the immunogen for the APOA5 antibody.

Storage

After reconstitution, the APOA5 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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