

APOA1 Antibody (R32382)

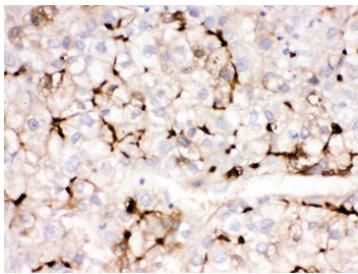
Catalog No.	Formulation	Size
R32382	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

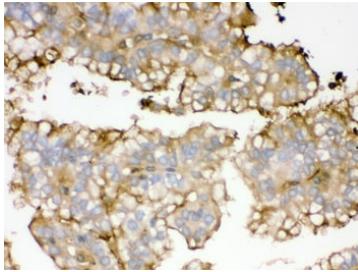
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	P02647
Localization	Cytoplasmic, membranous
Applications	Western Blot : 0.1-0.5ug/ml IHC (FFPE) : 0.5-1ug/ml Flow Cytometry : 1-3ug/10 ⁶ cells ELISA : 0.1-0.5ug/ml (human protein tested); request BSA-free format for coating
Limitations	This APOA1 antibody is available for research use only.



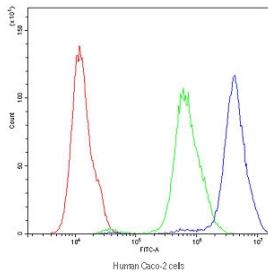
Western blot testing of human placenta lysate with APOA1 antibody. Predicted molecular weight ~30 kDa.



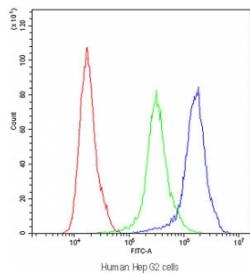
IHC testing of FFPE human liver cancer tissue with APOA1 antibody. HIER: Boil the paraffin sections in pH 6, 10mM citrate buffer for 20 minutes and allow to cool prior to testing.



IHC testing of FFPE human kidney cancer tissue with APOA1 antibody. HIER: Boil the paraffin sections in pH 6, 10mM citrate buffer for 20 minutes and allow to cool prior to testing.



Flow cytometry testing of human Caco-2 cells with APOA1 antibody at 1ug/10⁶ cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue=APOA1 antibody.



Flow cytometry testing of human HepG2 cells with APOA1 antibody at 1ug/10⁶ cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue=APOA1 antibody.

Description

Apolipoprotein A-1, also known as APOA1, is a human protein with a specific role in lipid metabolism. It binds to lipopolysaccharide or endotoxin, and has a major role in the anti-endotoxin function of HDL.

Application Notes

Optimal dilution of the APOA1 antibody should be determined by the researcher.

Immunogen

Amino acids D25-Q267 of the human protein were used as the immunogen for the APOA1 antibody.

Storage

After reconstitution, the APOA1 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

