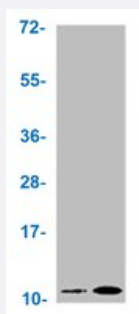


RecomAb™

APOA2 recombinant monoclonal antibody, clone 6H2

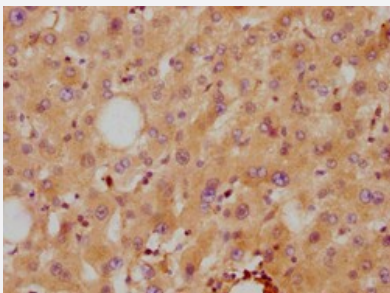
Catalog # RAB04370 Size 100 uL

Applications



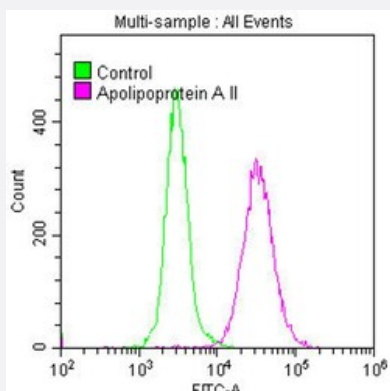
Western Blot

Western blot analysis of Lane 1: 293T whole cell lysate and Lane 2: A549 whole cell lysate with APOA2 recombinant monoclonal antibody, clone 6H2 (Cat # RAB04370).



Immunohistochemistry

Immunohistochemical staining of human liver tissue with APOA2 recombinant monoclonal antibody, clone 6H2 (Cat # RAB04370) (diluted at 1:87.5).



Flow Cytometry

Flow cytometric analysis of A549 cells with APOA2 recombinant monoclonal antibody, clone 6H2 (Cat # RAB04370) (diluted at 1:50; purple line) and negative control (green line).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human APOA2.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human APOA2.
Theoretical MW (kDa)	Calculated MW: 12 kD
Reactivity	Human
Form	Liquid
Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	ELISA Flow Cytometry Immunohistochemistry (1:50-1:200) Western Blot (1:500-1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150mM NaCl, 50% glycerol and 0.02% sodium azide)
Storage Instruction	Store at -20 °C or -80 °C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of Lane 1: 293T whole cell lysate and Lane 2: A549 whole cell lysate with APOA2 recombinant monoclonal antibody, clone 6H2 (Cat # RAB04370).

- Immunohistochemistry

Immunohistochemical staining of human liver tissue with APOA2 recombinant monoclonal antibody, clone 6H2 (Cat # RAB04370) (diluted at 1:87.5).

- Enzyme-linked Immunoabsorbent Assay

- Flow Cytometry

Flow cytometric analysis of A549 cells with APOA2 recombinant monoclonal antibody, clone 6H2 (Cat # RAB04370) (diluted at 1:50; purple line) and negative control (green line).

Gene Info — APOA2

Entrez GeneID [336](#)**Protein Accession#** [P02652](#)**Gene Name** APOA2**Gene Alias** -**Gene Description** apolipoprotein A-II**Omim ID** [107670](#) [143890](#)**Gene Ontology** [Hyperlink](#)

Gene Summary This gene encodes apolipoprotein (apo-) A-II, which is the second most abundant protein of the high density lipoprotein particles. The protein is found in plasma as a monomer, homodimer, or heterodimer with apolipoprotein D. Defects in this gene may result in apolipoprotein A-II deficiency or hypercholesterolemia. [provided by RefSeq]

Other Designations OTTHUMP00000032244

Pathway

- [PPAR signaling pathway](#)

Disease

- [Atherosclerosis](#)
- [Birth Weight](#)
- [Body Weight](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)

- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Hepatitis C](#)
- [Hypercholesterolemia](#)
- [Hyperlipidemias](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Obesity](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)