

A5144

Leader in Biomolecular Solutions for Life Science



# ApoM Rabbit mAb

Catalog No.: A5144 **Recombinant**

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

21kDa

### Category

Monoclonal Antibody

### Applications

IF/ICC,ELISA,IF-P

### Cross-Reactivity

Human

### CloneNo number

ARC1210

## Recommended Dilutions

IF/ICC 1:50 - 1:200

IF-P 1:50 - 1:200

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Contact

 [www.abclonal.com](http://www.abclonal.com)

## Background

The protein encoded by this gene is an apolipoprotein and member of the lipocalin protein family. It is found associated with high density lipoproteins and to a lesser extent with low density lipoproteins and triglyceride-rich lipoproteins. The encoded protein is secreted through the plasma membrane but remains membrane-bound, where it is involved in lipid transport. Alternate splicing results in both coding and non-coding variants of this gene.

## Immunogen Information

### Gene ID

55937

### Swiss Prot

O95445

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

G3a; NG20; apo-M; HSPC336; ApoM

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

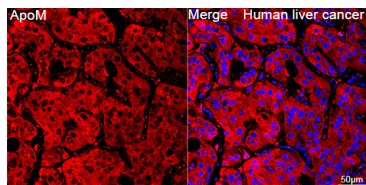
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data

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Confocal imaging of paraffin-embedded Human liver cancer tissue using ApoM Rabbit mAb (A5144, dilution 1:100) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.